



PRODUCT FOCUS -- Tools used in the diagnosis of Childhood Cancer

September is Childhood Cancer Awareness Month. In 2026, an estimated 9,680 children (ages 0–14) and 5,660 adolescents (ages 15–19) will be diagnosed with cancer in the United States. 85% of children with cancer now survive 5 years or more. Overall, this is a huge improvement since the mid-1970s, when the 5-year survival rate was only about 58%. Still, survival rates depend on the type of cancer and other factors. (ACS)

Immunohistochemistry (IHC) plays a crucial role in the diagnosis of childhood cancers. IHC markers are used to confirm metastases, classify tumors, differentiate from other tumors, detect molecular alterations (such as ALK expression and INI1 loss). Furthermore, IHC markers are linked to prognosis and targeted therapy.

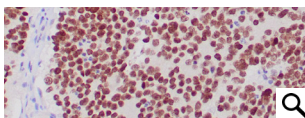
Zeta Corporation offers recombinant RABMono™ (Rabbit Monoclonal) and MonoMAB™ (Mouse Monoclonal) recombinant IVD antibodies researched and developed for the anatomic pathology market for Immunohistochemistry. Zeta is incorporating highly sensitive technology to develop many of these primary antibodies that are target-validated and characterized for IHC on FFPE tissue sections. Zeta provides 400+ IVD antibodies for cancer screening and diagnosis.

Small Round Blue Cell Tumors (SRBCTs)

Neuroblastoma

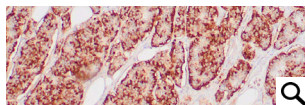
PHOX2B (clone ZR292)

- Cat#: **Z2730** Rabbit Monoclonal
- IHC: Human neuroblastoma



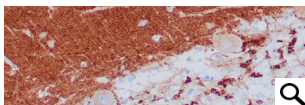
Chromogranin A (clone ZM12)

- Cat#: **Z2347** Mouse Monoclonal
- IHC: Human neuroendocrine tumor



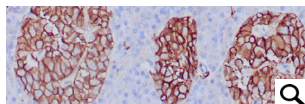
Synaptophysin (clone ZR445)

- Cat#: **Z2801** Rabbit Monoclonal
- IHC: Human neuroendocrine tumor



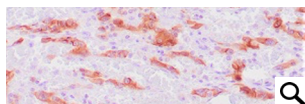
CD56 (clone ZR421)

- Cat#: **Z2777** Rabbit Monoclonal
- IHC: Human neuroendocrine carcinoma



ALK-1 (clone ZR305)

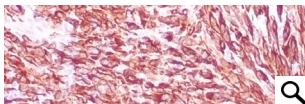
- Cat#: **Z2534** Rabbit Monoclonal
- IHC: Human lung adenocarcinoma



Rhabdomyosarcoma

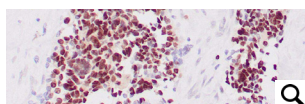
Desmin (clone ZR240)

- Cat#: **Z2536** Rabbit Monoclonal
- IHC: Human leiomyosarcoma



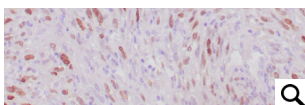
Myogenin (clone ZM149)

- Cat#: **Z2462** Mouse Monoclonal
- IHC: Human rhabdomyosarcoma



MyoD1 (clone ZR262)

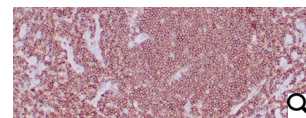
- Cat#: **Z2576** Rabbit Monoclonal
- IHC: Human rhabdomyosarcoma



Lymphoma

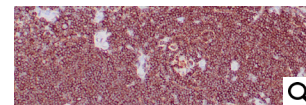
CD45RB (LCA) (clone ZR361)

- Cat#: **Z2737** Rabbit Monoclonal
- IHC: human lymph node



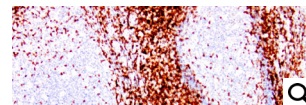
CD20 (clone ZR243)

- Cat#: **Z2717** Rabbit Monoclonal
- IHC: Human lymph node



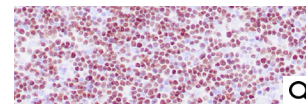
CD3 (clone ZM45)

- Cat#: **Z2352** Mouse Monoclonal
- IHC: Human lymph node



TdT (clone ZM51)

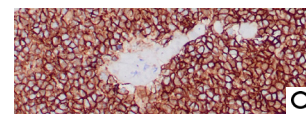
- Cat#: **Z2391** Mouse Monoclonal
- IHC: Human type B1 thymoma



Ewing Sarcoma

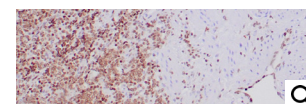
CD99 (clone ZM139)

- Cat#: **Z2686** Mouse Monoclonal
- IHC: Human Ewing sarcoma



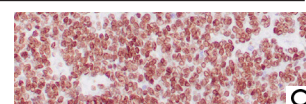
FLI-1 (clone ZR217)

- Cat#: **Z2498** Rabbit Monoclonal
- IHC: Human Ewing sarcoma



NKX2.2 (clone ZM14)

- Cat#: **Z2348** Mouse Monoclonal
- IHC: Human Ewing sarcoma

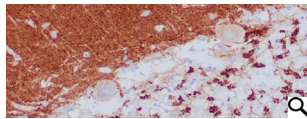


Central Nervous System

Medulla Blastoma

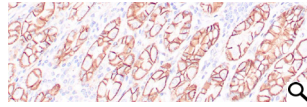
Synaptophysin (clone ZR445)

- Cat#: **Z2801** Rabbit Monoclonal
- IHC: Human neuroendocrine tumor



Beta-Catenin (clone ZM13)

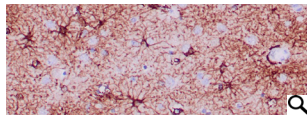
- Cat#: **Z2355** Mouse Monoclonal
- IHC: Human colon adenocarcinoma



Glioma

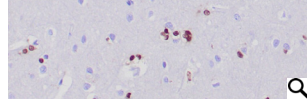
GFAP (clone ZR356)

- Cat#: **Z2386** Rabbit Monoclonal
- IHC: Human brain



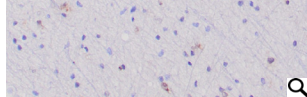
OLIG2 (clone ZR340)

- Cat#: **Z2646** Rabbit Monoclonal
- IHC: Human cerebrum



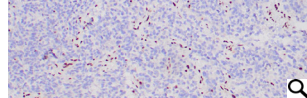
IDH1 (R132H) (clone ZR7)

- Cat#: **Z2010** Rabbit Monoclonal
- IHC: Human glioma



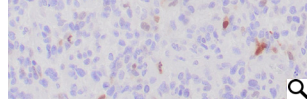
ATRX (clone ZR244)

- Cat#: **Z2718** Rabbit Monoclonal
- IHC: Human glioblastoma



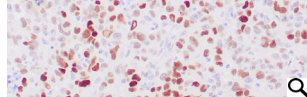
MGMT (clone ZM314)

- Cat#: **Z2618** Mouse Monoclonal
- IHC: Human glioma



p53 (clone ZR153)

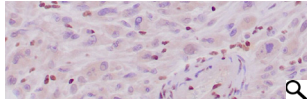
- Cat#: **Z2466** Rabbit Monoclonal
- IHC: Human colon carcinoma



Atypical Teratoid/Rhabdoid Tumors

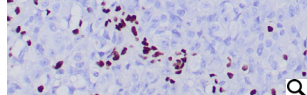
INI-1 (clone ZR282)

- Cat#: **Z2410** Rabbit Monoclonal
- IHC: Human epithelioid sarcoma



BRG1/SMARCA4 (clone ZR390)

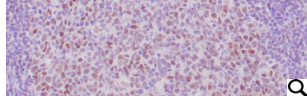
- Cat#: **Z2746** Rabbit Monoclonal
- IHC: Human ovarian small cell carcinoma



Retinoblastoma

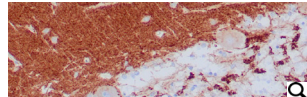
Rb (clone 1F8)

- Cat#: **Z2651** Mouse Monoclonal
- IHC: Human tonsil



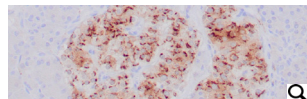
Synaptophysin (clone ZR445)

- Cat#: **Z2801** Rabbit Monoclonal
- IHC: Human neuroendocrine tumor



Chromogranin A (clone ZR427)

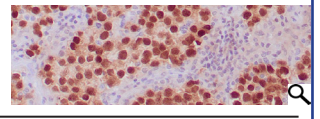
- Cat#: **Z2783** Rabbit Monoclonal
- IHC: Human neuroendocrine tumor



Germ Cell Tumors

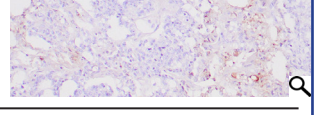
OCT-4 (clone ZR364)

- Cat#: **Z2604** Mouse Monoclonal
- IHC: Human seminoma



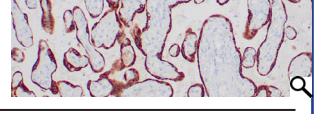
AFP (clone C3)

- Cat#: **Z2623** Mouse Monoclonal
- IHC: Human yolk sac tumor



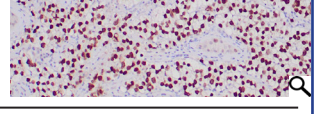
HCG (clone ZR362)

- Cat#: **Z2738** Rabbit Monoclonal
- IHC: human placenta



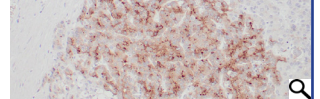
SALL4 (clone ZR276)

- Cat#: **Z2726** Rabbit Monoclonal
- IHC: Human seminoma



Glypican-3 (clone ZR405)

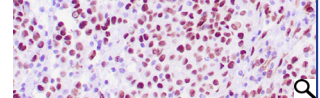
- Cat#: **Z2761** Rabbit Monoclonal
- IHC: Human hepatocellular carcinoma



Wilms Tumor

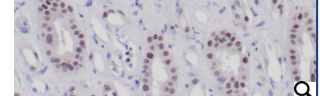
WT-1 (clone 6F-H2)

- Cat#: **Z2124** Mouse Monoclonal
- IHC: Human ovarian adenocarcinoma



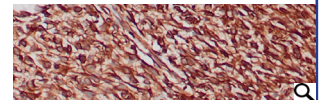
PAX-2 (clone ZR224)

- Cat#: **Z2741** Rabbit Monoclonal
- IHC: Human normal kidney



Vimentin (clone ZR381)

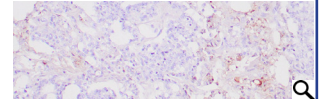
- Cat#: **Z2672** Rabbit Monoclonal
- IHC: Human GI stromal tumor



Hepatoblastoma

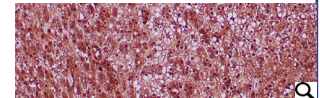
AFP (clone C3)

- Cat#: **Z2623** Mouse Monoclonal
- IHC: Human yolk sac tumor



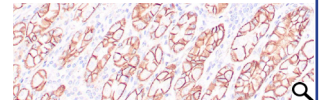
Arginase-1 (clone ZR368)

- Cat#: **Z2659** Rabbit Monoclonal
- IHC: Human hepatic adenoma



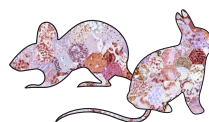
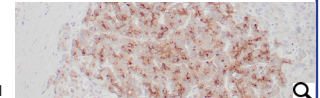
Beta-Catenin (clone ZM13)

- Cat#: **Z2355** Mouse Monoclonal
- IHC: Human colon adenocarcinoma



Glypican-3 (clone ZR405)

- Cat#: **Z2761** Rabbit Monoclonal
- IHC: Human hepatocellular carcinoma



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