

## Target-Validated and Characterized IVD Antibodies for Pathology and Immunotherapy

### NEW PRODUCT FOCUS -- CD10 (RAbMono™)

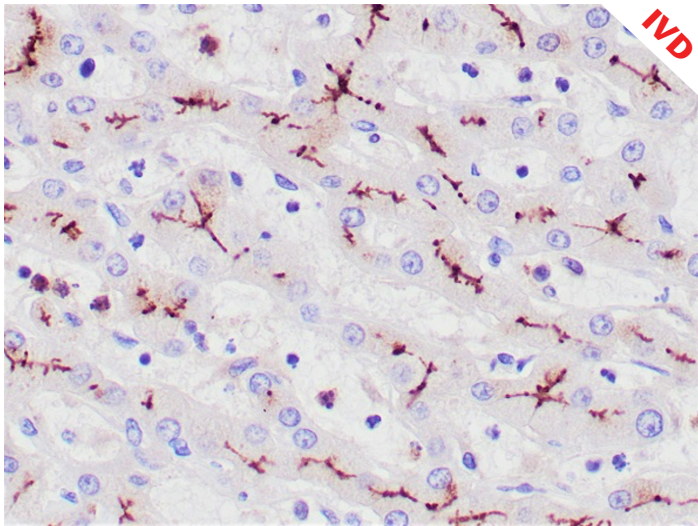
CD10, also known as Common Acute Lymphocytic Leukemia Antigen (CALLA), is a cell surface enzyme with neutral metallo endopeptidase activity which inactivates a variety of biologically active peptides. It is expressed on the surface of normal early lymphoid progenitor cells, immature B cells within adult bone marrow and germinal center B cells within lymphoid tissue. CD10 is also present on breast myoepithelial cells, bile canaliculi, fibroblasts, with especially high expression on the brush border of kidney and gut epithelial cells. Clinically, CD10 antibody is used

to diagnose acute lymphoblastic leukemia and follicular lymphoma. CD10 is a reliable and sensitive immunohistochemical marker of normal endometrial stroma. CD10 is often strongly and diffusely positive is found in endometrial stromal nodules and low-grade endometrial stromal sarcoma (ESS). CD10 is positive in liver canaliculi, which, in combination with polyclonal CEA, can be used as a specific hepatic marker for hepatocellular carcinoma. Most renal cell carcinomas, in particular clear cell renal cell carcinoma, are positive for CD10.

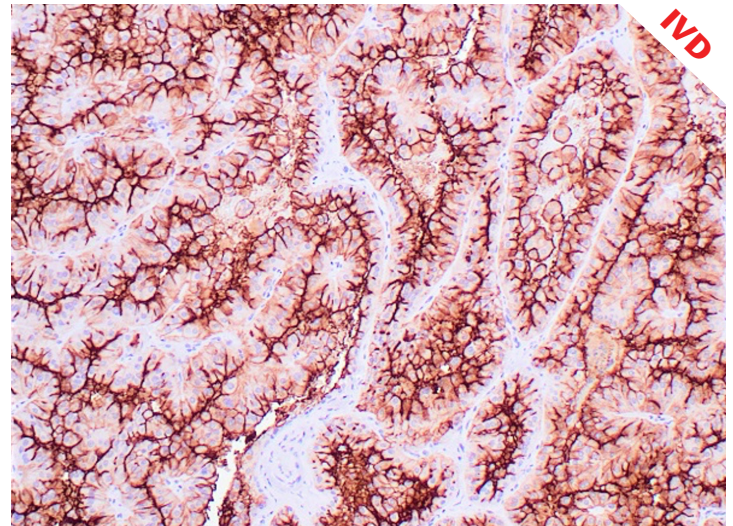
#### CD10 Rabbit Monoclonal Antibody

Clone ZR329

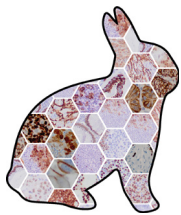
Cat #Z2678



Liver tissue stained with CD10, Clone ZR329



Renal cell carcinoma tissue stained with CD10, Clone ZR329



**About RAbMono™** Rabbit monoclonals designed and developed at Zeta are uniquely produced and target-validated for IHC on FFPE tissue sections. In contrast to typical mouse monoclonal technology, Zeta has achieved a unique and effective rabbit monoclonal production platform based on our unmatched expertise in the field. Generally, rabbit monoclonals are characterized by 10 to 100 times higher affinity than mouse monoclonals. The rabbit's immune system is better equipped to generate a response to smaller antigens that are not detected in mice. As a result, rabbit monoclonals are becoming increasingly popular in immunohistochemical detection of tumor markers in humans.

All antibodies are offered in different format and size with the Suffix after the Catalog #s; "L", "S" & "T" for Concentrated antibodies in 1.0 ml, 0.5 ml & 0.1 ml sizes and Suffix "P" for Ready To Use (RTU) in 7 ml.