

Cytokeratin 20 (ZR429)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human KRT20 protein fragment (around aa 196-323)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Cytokeratin 20 (ZR429) Rabbit Monoclonal primary antibody detects Cytokeratin 20 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Cytokeratin 20 protein.

Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: This mAb recognizes an intermediate filament protein of 46 kDa, identified as cytokeratin 20 (CK20). CK20 is abundantly expressed by goblet cells and enterocytes of the gastrointestinal tract. CK expression has been reported for pancreatic and colorectal cancer. CK20 is expressed under normal, hyperplastic, and neoplastic conditions. It has been detected in adenocarcinomas of the colon, stomach, and biliary tract. Breast carcinomas are generally assumed to be non-reactive.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Moll R, et al. J Cell Biol. 1990; 111:567-80.
2. Han AC, Duszak R Jr. Cancer. 1999; 86:2327-30.
3. Moll R, et al. AJP. 1992; 140:427-47.

REF Z2785RL/ Z2785RS/ Z2785RT/ Z2785RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)