

## Recombinant Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker) Antibody

Rabbit Monoclonal Antibody [Clone KRT20/4879R]

Catalog No	Format	Size
54474-RBM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
54474-RBM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
54474-RBM9-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

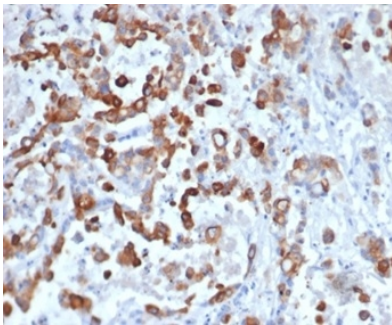
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

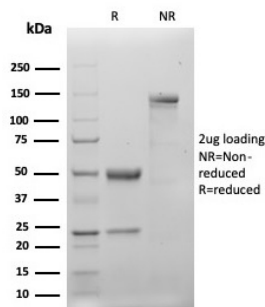
<b>Clone</b>	KRT20/4879R
<b>Gene Name</b>	KRT20
<b>Immunogen</b>	Recombinant fragment of human KRT20 protein (around aa 196-323) (exact sequence is proprietary)
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	46kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HT-29 cells. Human colon or prostate carcinoma. Human Intestine, HCT116

\*Optimal dilution for a specific application should be determined.

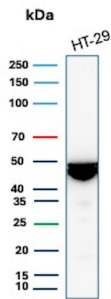
### Product Images for Recombinant Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker) Antibody



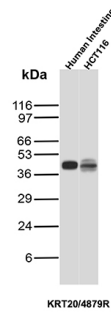
IHC analysis of formalin-fixed, paraffin-embedded human colon. Stained with KRT20/4879R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



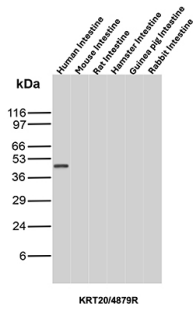
SDS-PAGE Analysis of Purified CK20 Recombinant Rabbit Monoclonal Antibody (KRT20/4879R). Confirmation of Purity and Integrity of Antibody.



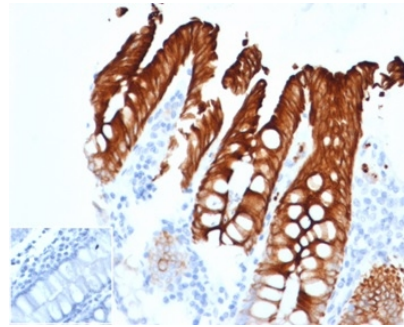
Western Blot Analysis of HT-29 cell lysate using Cytokeratin 20 Recombinant Rabbit Monoclonal Antibody (KRT20/4879R).



Western Blot Analysis of Human Intestine and HCT116 lysates using Cytokeratin 20 Recombinant Rabbit Monoclonal Antibody (KRT20/4879R).



Western Blot Analysis of Intestine tissue lysates of different species using Cytokeratin 20 Recombinant Rabbit Monoclonal Antibody (KRT20/4879R).



IHC analysis of formalin-fixed, paraffin-embedded human brain. Stained with OLIG2/6695R at 2ug/ml in PBS for 30min RT. Inset: PBS instead of primary; secondary antibody negative control.

### Specificity & Comments

This MAb recognizes an intermediate filament protein of 46kDa, identified as cytokeratin 20 (KRT20). KRT20 is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract. It is a useful marker of pancreatic and colorectal cancer. KRT20 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 non-reactive.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Developmental Biology

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.