

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

Mouse Monoclonal Antibody [Clone rKRT20/6536]

Catalog No	Format	Size
54474-MSM11-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
54474-MSM11-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
54474-MSM11-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

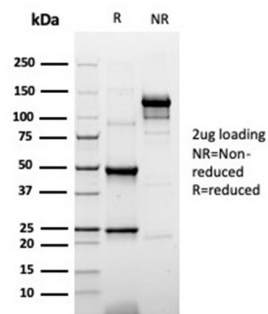
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

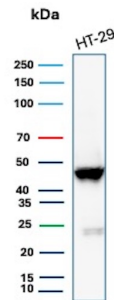
Clone	rKRT20/6536
Gene Name	KRT20
Immunogen	Recombinant fragment of human KRT20 protein (around aa 196-323) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	46kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	HT-29 cells. Human normal colon or colon adenocarcinoma.

*Optimal dilution for a specific application should be determined.

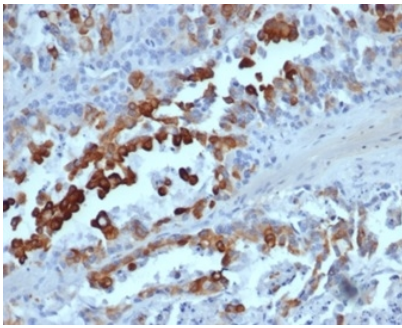
Product Images for Recombinant Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker) Antibody



SDS-PAGE Analysis of Purified KRT20 Recombinant Mouse Monoclonal Antibody (rKRT20/6536). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of HT-29 cell lysate using Cytokeratin 20 Recombinant Mouse Monoclonal Antibody (rKRT20/6536).



Formalin-fixed, paraffin-embedded human colon adenocarcinoma stained with Cytokeratin 20 Recombinant Mouse Monoclonal Antibody (rKRT20/6536). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

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.

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.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. 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
