

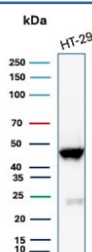
Recombinant Cytokeratin 20 Antibody / CK20 [clone rKRT20/6536] (V8934)

Catalog No.	Formulation	Size
V8934-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8934-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8934SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

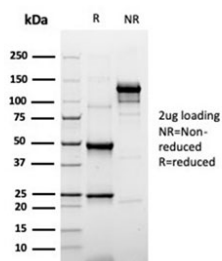
Recombinant **MOUSE MONOCLONAL**

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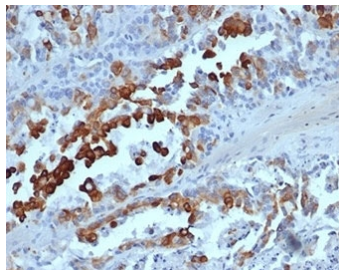
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2a, kappa
Clone Name	rKRT20/6536
Purity	Protein A/G affinity
UniProt	P35900
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This recombinant Cytokeratin 20 antibody is available for research use only.



Western blot testing of human HT29 cell lysate with recombinant Cytokeratin 20 antibody. Predicted molecular weight ~46 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant Cytokeratin 20 antibody (clone rKRT20/6536) as confirmation of integrity and purity.



IHC staining of FFPE human colon adenocarcinoma tissue with recombinant Cytokeratin 20 antibody (clone rKRT20/6536). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

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.

Application Notes

Optimal dilution of the recombinant Cytokeratin 20 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 196-323 was used as the immunogen for the recombinant Cytokeratin 20 antibody.

Storage

Aliquot the recombinant Cytokeratin 20 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.