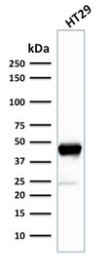
Cytokeratin 20 Antibody / CK20 [clone SPM140] (V8019)

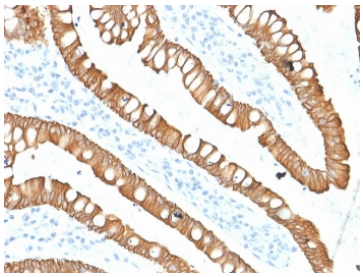
Catalog No.	Formulation	Size
V8019-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8019-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8019SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

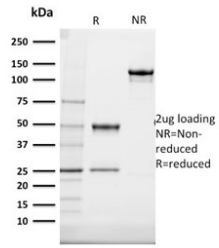
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	SPM140
Purity	Protein G affinity chromatography
UniProt	P35900
Localization	Cytoplasmic
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Cytokeratin 20 antibody is available for research use only.



Western blot testing of human HT29 cell lysate with Cytokeratin 20 antibody (clone SPM140). Predicted molecular weight ~46 kDa.



IHC staining of FFPE human colon carcinoma with Cytokeratin 20 antibody (clone SPM140). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Cytokeratin 20 antibody (clone SPM140) as confirmation of integrity and purity.

Description

his MAb recognizes an intermediate filament protein of 46kDa, identified as cytokeratin 20 (KRT20). KRT 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, stomachand biliary tract. Breast carcinomas are generally non-reactive.

Application Notes

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

Immunogen

A recombinant human partial protein (amino acids 196-323) was used as the immunogen for this Cytokeratin 20 antibody.

Storage

Store the Cytokeratin 20 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).