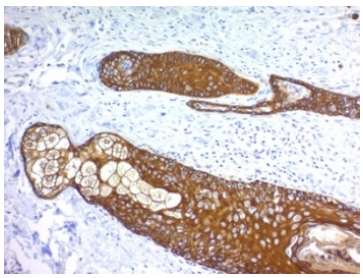
Basic Cytokeratin Antibody [clone KRTH/1076] (V3116)

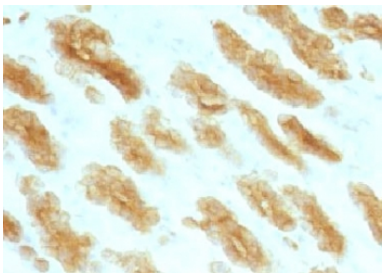
Catalog No.	Formulation	Size
V3116-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3116-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3116SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3116IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

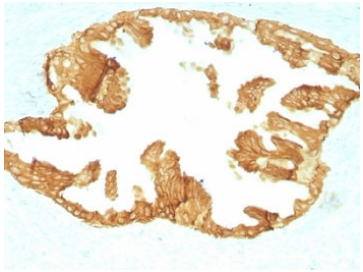
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRTH/1076
Purity	Protein G affinity chromatography
UniProt	Q01546
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 0.1-0.2ug/ml for 30 min at RT
Limitations	This Basic Cytokeratin antibody is available for research use only.



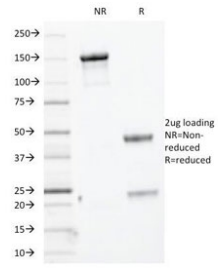
IHC: Formalin paraffin human skin stained with Basic Cytokeratin antibody (KRTH/1076).



IHC: Formalin paraffin rat stomach stained with Basic Cytokeratin antibody (KRTH/1076).



IHC: Formalin paraffin rat oviduct with Basic Cytokeratin antibody (KRTH/1076).



SDS-PAGE Analysis of Purified, BSA-Free Basic Cytokeratin Antibody (clone KRTH/1076). Confirmation of Integrity and Purity of the Antibody.

Description

This mAb recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50 , 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant human KRT76 protein was used as the immunogen for the Basic Cytokeratin antibody.

Storage

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

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