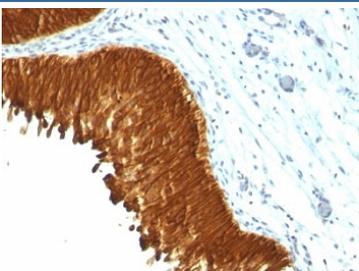


Multi Cytokeratin Antibody [clone KRT/457] (V3065)

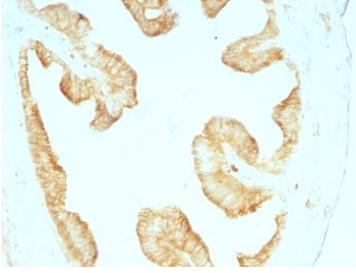
Catalog No.	Formulation	Size
V3065-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3065-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3065SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3065IHC-7ML	Prediluted 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	KRT/457
Purity	Protein G affinity chromatography
UniProt	multi
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (2)
Limitations	This Multi Cytokeratin antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Multi Cytokeratin antibody (KRT/457).



IHC: Formalin-fixed, paraffin-embedded rat oviduct stained with Multi Cytokeratin antibody (KRT/457).

Description

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This mAb recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, including 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13) and 45kDa (CK18). This is a broad-spectrum mAb which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA 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

A Keratin-enriched preparation from cultured human epithelial cells was used as the immunogen for the Multi Cytokeratin antibody.

Storage

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