

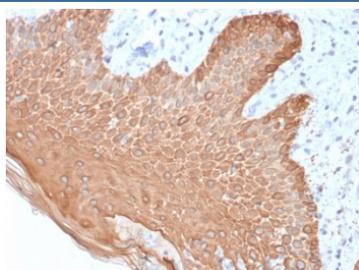
## Recombinant Multi Cytokeratin Antibody [clone rKRT/457] (V3698)

Catalog No.	Formulation	Size
V3698-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3698-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3698SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3698IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

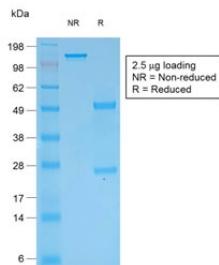
Recombinant **MOUSE MONOCLONAL**

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rKRT/457
Purity	Protein G affinity chromatography
UniProt	multi
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant Multi Cytokeratin antibody is available for research use only.



IHC staining of FFPE human skin with recombinant Multi Cytokeratin antibody (clone rKRT/457). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant Multi Cytokeratin antibody (clone rKRT/457) as confirmation of integrity and purity.

## 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 recombinant Multi Cytokeratin antibody should be determined by the researcher.

1. 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 recombinant Multi Cytokeratin antibody.

## Storage

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