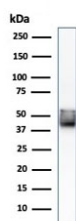


Keratin 8 Antibody / Cytokeratin 8 / CK8 [clone KRT8/803] (V2664)

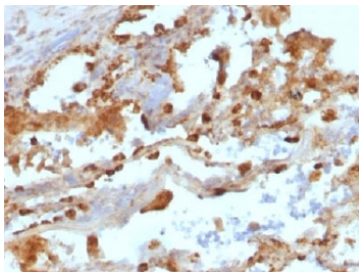
Catalog No.	Formulation	Size
V2664-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2664-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2664SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2664IHC-7ML	Prediluted 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](#)

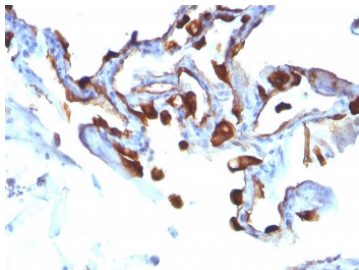
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRT8/803
Purity	Protein G affinity chromatography
UniProt	P05787
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 1-2ug/ml
Limitations	This Keratin 8 antibody is available for research use only.



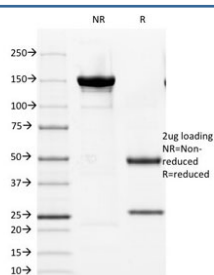
Western blot testing of human HCT-116 cell lysate with Keratin 8 antibody (clone KRT8/803).



IHC: Formalin-fixed, paraffin-embedded human lung carcinoma stained with Keratin 8 antibody (KRT8/803).



IHC: Formalin-fixed, paraffin-embedded human lung carcinoma stained with Keratin 8 antibody (KRT8/803).



SDS-PAGE analysis of purified, BSA-free Keratin 8 antibody (clone KRT8/803) as confirmation of integrity and purity.

Description

Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). CK8 is primarily found in the non-squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibodies that recognize only cytokeratin 8 and 18. CK8 exists on several types of normal and neoplastic epithelia, including many ductal and glandular epithelia such as colon, stomach, small intestine, trachea, and esophagus as well as in transitional epithelium. Anti-CK8 does not react with skeletal muscle or nerve cells. Epithelioid sarcoma, chordoma, and adamantinoma show strong positivity corresponding to that of simple epithelia (with antibodies against CK8, CK18 and CK19). Anti-CK8 is useful for the differentiation of lobular (ring-like, perinuclear) from ductal (peripheral-predominant) carcinoma of the breast.

Application Notes

Optimal dilution of the Keratin 8 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 KRT8 protein was used as the immunogen for the Keratin 8 antibody.

Storage

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

