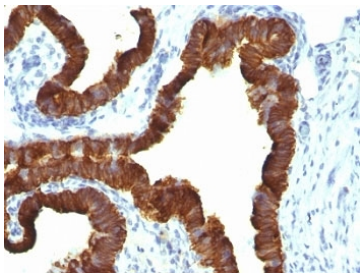
Keratin 7 Antibody KRT7/1198 / Cytokeratin 7 Mouse MAb [clone KRT7/1198] (V2661)

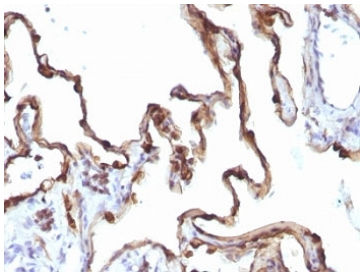
Catalog No.	Formulation	Size
V2661-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2661-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2661SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2661IHC-7ML	Prediluted 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

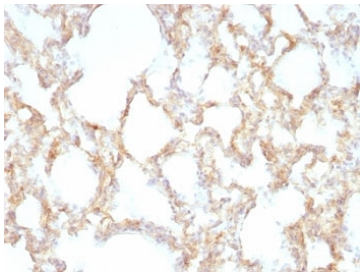
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRT7/1198
Purity	Protein G affinity chromatography
UniProt	P08729
Localization	Cytoplasmic
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This Keratin 7 Antibody KRT7/1198 is available for research use only.



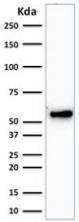
Keratin 7 Antibody KRT7/1198 IHC: Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with Keratin 7 antibody (KRT7/1198)



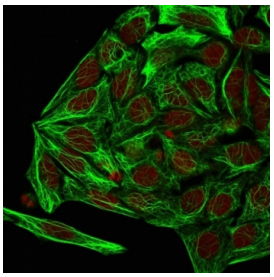
IHC: Formalin-fixed, paraffin-embedded human lung carcinoma stained with Keratin 7 antibody (KRT7/1198)



IHC: Formalin-fixed, paraffin-embedded rat lung stained with Keratin 7 antibody (KRT7/1198)



Keratin 7 Antibody KRT7/1198 WB Analysis. Western blot testing of human HeLa cell lysate with Keratin 7 antibody. Predicted molecular weight ~51 kDa.



Keratin 7 Antibody KRT7/1198 IF Analysis. Immunofluorescent staining of methanol fixed human HeLa cells with Keratin 7 antibody (clone KRT7/1198, green) and Reddot nuclear stain (red).

Description

Keratin 7 Antibody KRT7/1198 recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This mAb is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This mAb is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).

For an alternative antibody targeting the same protein, see our Cytokeratin 7 Antibody OV-TL12/30 (V2654), a mouse monoclonal antibody validated for WB, IHC, IF, and flow cytometry.

Application Notes

Optimal dilution of the Keratin 7 Antibody KRT7/1198 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 minutes
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 full-length human KRT7 protein was used as the immunogen for the Keratin 7 Antibody KRT7/1198.

Storage

Store the Keratin 7 Antibody KRT7/1198 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

Keratin 7 antibody, CK7 antibody, CK-7 antibody, KRT7 antibody, Cytokeratin-7 antibody, Keratin Type II Cytoskeletal 7 antibody, Type II Cytokeratin 7 antibody, Cytokeratin 7/CK7 antibody, K7 antibody

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