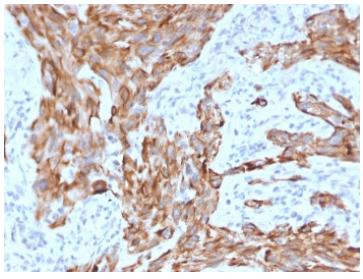
Cytokeratin 7 Antibody KRT7/2200 / KRT7 Mouse MAb [clone KRT7/2200] (V7913)

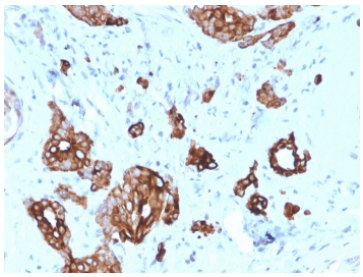
Catalog No.	Formulation	Size
V7913-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7913-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7913SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

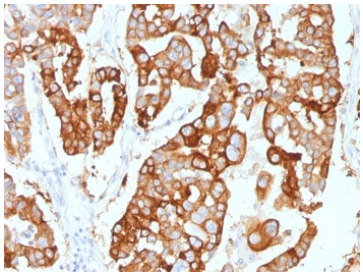
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRT7/2200
Purity	Protein G affinity chromatography
UniProt	P08729
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Cytokeratin 7 Antibody KRT7/2200 is available for research use only.



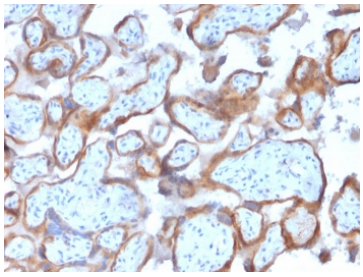
IHC staining of FFPE human lung carcinoma with Cytokeratin 7 Antibody KRT7/2200. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



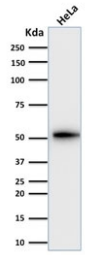
IHC staining of FFPE human breast carcinoma with Cytokeratin 7 antibody (clone KRT7/2200). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



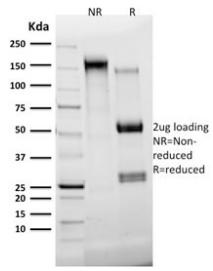
IHC staining of FFPE human ovarian carcinoma with Cytokeratin 7 antibody (clone KRT7/2200). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



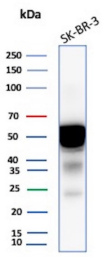
IHC staining of FFPE human placenta with Cytokeratin 7 antibody (clone KRT7/2200). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human HeLa cell lysate with Cytokeratin 7 Antibody KRT7/2200. Predicted molecular weight ~51 kDa.



SDS-PAGE analysis of purified, BSA-free Cytokeratin 17 antibody (clone KRT7/2200) as confirmation of integrity and purity.



Western blot testing of human SK-BR-3 cell lysate with Cytokeratin 7 Antibody KRT7/2200. Predicted molecular weight ~51 kDa.

Description

Cytokeratin 7 Antibody KRT7/2200 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. MAb to cytokeratin 7 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 Cytokeratin 7 Antibody KRT7/2200 should be determined by the researcher.

Immunogen

A recombinant full-length human KRT7 protein was used as the immunogen for this Cytokeratin 7 antibody.

Storage

Store the Cytokeratin 7 antibody 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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