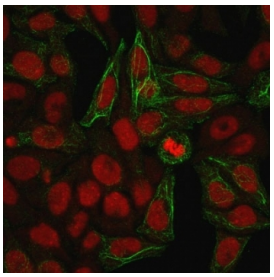
Cytokeratin 7 Antibody KRT7/903 / Mouse Monoclonal [clone KRT7/903] (V2657)

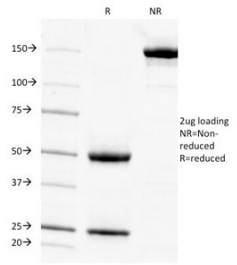
Catalog No.	Formulation	Size
V2657-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2657-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2657SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2657IHC-7ML	Prediluted 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

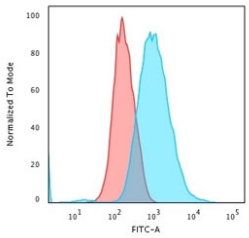
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KRT7/903
Purity	Protein G affinity chromatography
UniProt	P08729
Localization	Cytoplasmic
Applications	Flow cytometry: 1-2ug/10^6 cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Cytokeratin 7 Antibody KRT7/903 is available for research use only.



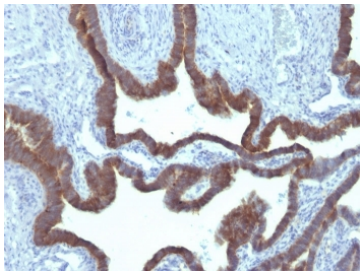
Cytokeratin 7 Antibody KRT7/903 IF Analysis. Immunofluorescent staining of methanol fixed human HeLa cells with Cytokeratin 7 antibody (clone KRT7/903, green) and Reddot nuclear stain (red).



SDS-PAGE analysis of purified, BSA-free Cytokeratin 7 antibody (clone KRT7/903) as confirmation of integrity and purity.



Cytokeratin 7 Antibody KRT7/903 FACS Analysis. Flow cytometry testing of PFA-fixed human HeLa cells with Cytokeratin 7 antibody (clone KRT7/903); Red=isotype control, Blue= recombinant Cytokeratin 7 antibody.



Cytokeratin 7 Antibody KRT7/903 IHC: Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with Cytokeratin 7 antibody (clone KRT7/903).

Description

Cytokeratin 7 Antibody KRT7/903 detects Keratin 7, 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. Antibody to cytokeratin is 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 KRT7/903 should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, 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 full-length human KRT7 protein was used as the immunogen for the Cytokeratin 7 Antibody KRT7/903.

Storage

Store the Cytokeratin 7 Antibody KRT7/903 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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