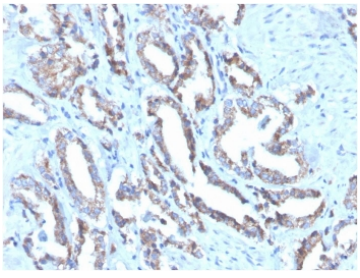
Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate / Biotinylated Cytokeratin 7 Antibody [clone OV-TL12/30] (V2654BTN)

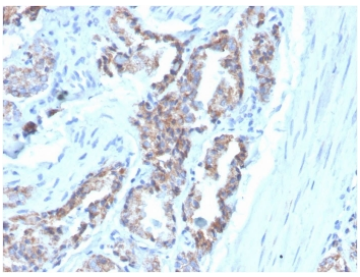
Catalog No.	Formulation	Size
V2654BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

Bulk quote request

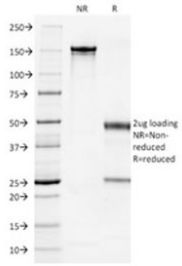
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	OV-TL12/30
Purity	Protein G affinity chromatography
UniProt	P08729
Localization	Cytoplasmic
Applications	Flow cytometry: 5ul per test per one million cells or 5ul per 100ul of whole blood Immunofluorescence: 2-4ug/ml Western blot: 2-4ug/ml Immunohistochemistry (FFPE): 2-4ug/ml at RT
Limitations	This Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate / Biotinylated Cytokeratin 7 Antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma with Cytokeratin 7 antibody (clone OV-TL12/30). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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SDS-PAGE analysis of purified, BSA-free Cytokeratin 7 antibody (clone OV-TL12/30) as confirmation of integrity and purity.

Description

Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This biotinylated 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 Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate / Biotinylated Cytokeratin 7 Antibody should be determined by the researcher.

Immunogen

The ovarian carcinoma cell line OTN 11 was used as the immunogen for the Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate.

Storage

Store the Cytokeratin 7 Antibody OV-TL12/30 Biotin Conjugate at 2-8oC (up to one month) or aliquot and store at -20oC (longer term).

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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