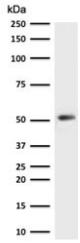
Recombinant Cytokeratin 7 Antibody CTKN7-2R / Rabbit Monoclonal [clone CTKN7-2R] (V3729)

Catalog No.	Formulation	Size
V3729-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3729-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3729SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3729IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

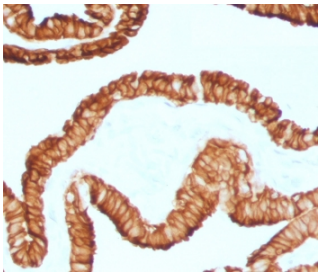
Recombinant RABBIT MONOCLONAL

Bulk quote request

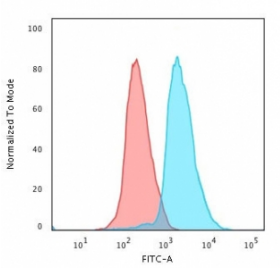
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CTKN7-2R
Purity	Protein A affinity chromatography
UniProt	P08729
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This Recombinant Cytokeratin 7 Antibody CTKN7-2R is available for research use only.



Recombinant Cytokeratin 7 Antibody CTKN7-2R WB Analysis. Western blot testing of human HeLa cell lysate with recombinant Cytokeratin 7 antibody (clone CTKN7-2R). Predicted molecular weight ~51 kDa.



IHC staining of FFPE human oviduct with Recombinant Cytokeratin 7 Antibody CTKN7-2R. Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Flow cytometry testing of PFA-fixed human HeLa cells with recombinant Cytokeratin 7 antibody (clone CTKN7-2R); Red=isotype control, Blue= recombinant Cytokeratin 7 antibody.

Description

Recombinant Cytokeratin 7 Antibody CTKN7-2R detects Cytokeratin-7 (CK7), a member of the keratin gene family. CK7 is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. It is found in simple glandular epithelia, and in transitional epithelium. [Wiki]

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

The stated application concentrations are suggested starting points. Titration of the Recombinant Cytokeratin 7 Antibody CTKN7-2R may be required due to differences in protocols and secondary/substrate sensitivity.

1. 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

Full-length human CK7 protein was used as the immunogen for the Recombinant Cytokeratin 7 Antibody CTKN7-2R.

Storage

Store the Recombinant Cytokeratin 7 Antibody CTKN7-2R 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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