

Product Datasheet

Recombinant Cytokeratin 7 Antibody / Rabbit Monoclonal (orb534032)

Catalog Number	orb534032
Category	Antibodies
Description	Cytokeratin-7 (CK7) is 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]
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Purification	Protein A affinity chromatography
Immunogen	Full-length human CK7 protein was used as the immunogen for the recombinant Cytokeratin 7 antibody.
UniProt ID	P08729
Tested applications	IHC-P, WB
Dilution range	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)

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Application notes

The stated application concentrations are suggested starting points. Titration of the recombinant Cytokeratin 7 antibody 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.

Antibody Type

Primary Antibody

Clone Number

CTKN7-2R

Storage

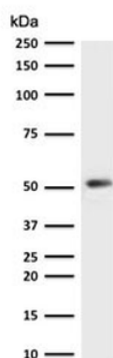
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

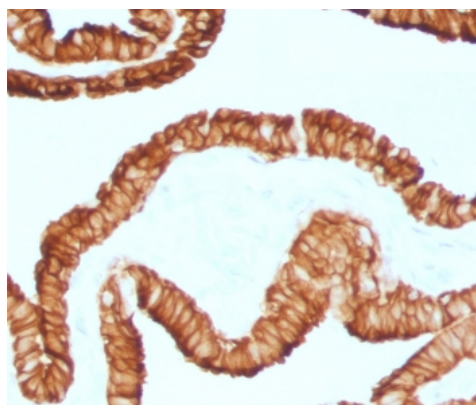
For research use only

Expiration Date

12 months from date of receipt.



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 (clone CTKN7-2R). Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

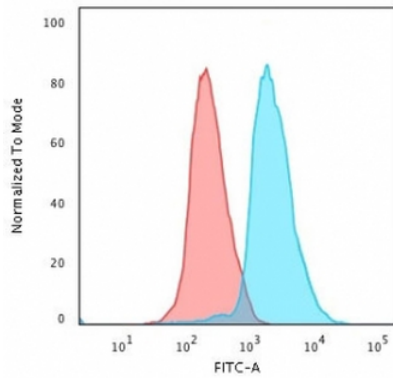
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Flow cytometry testing of PFA-fixed human HeLa cells with recombinant Cytokeratin 7 antibody (clone CTKN7-2R); Red = isotype control, Blue = recombinant Cytokeratin 7 antibody.

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