

Product Datasheet

Multi Cytokeratin Antibody 4/5/6/8/10/13/18 (orb2638047)

Catalog Number	orb2638047
Category	Antibodies
Description	This antibody recognizes multi cytokeratins: 4, 5, 6, 8, 10, 13, and 18. It is a broad-spectrum cytokeratin antibody which has been reported to be used to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of cytokeratin markers in cancer research and tumor diagnosis.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein G affinity chromatography
Immunogen	A keratin-enriched preparation from cultured human A431 was used as the immunogen for this Multi Cytokeratin antibody.
Tested applications	FACS, IF, IHC-P, WB
Dilution range	Flow cytometry: 1-2ug/10 ⁶ cells, Immunofluorescence: 1-4ug/ml, Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

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Application notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Multi Cytokeratin antibody to be titered up or down for optimal performance.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.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.

Antibody Type

Primary Antibody

Clone Number

C11

Storage

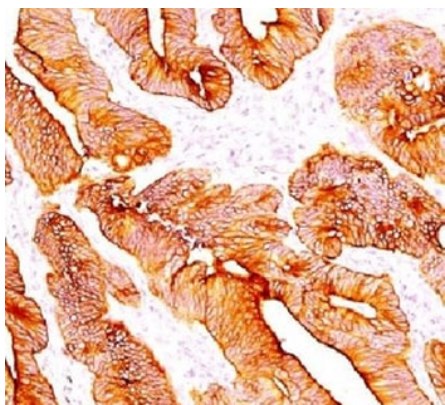
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.



IHC testing of FFPE human colon carcinoma and Multi Cytokeratin antibody (clone C11).

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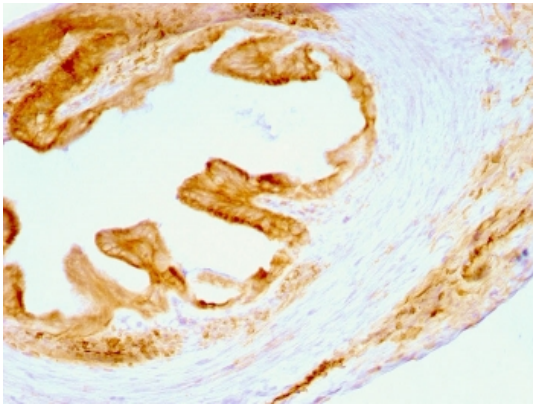
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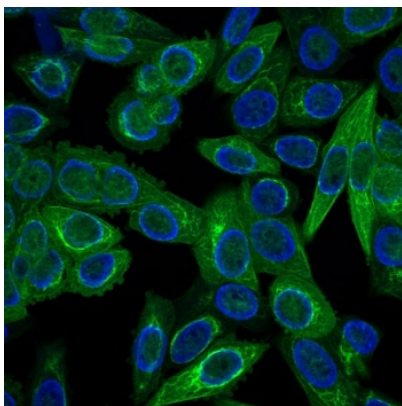
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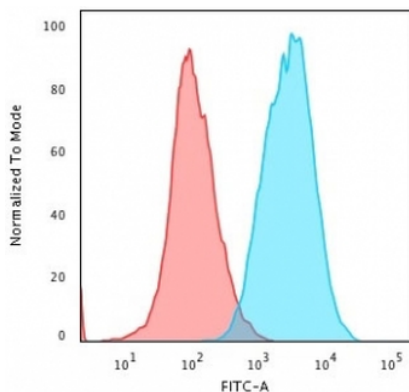
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IHC testing of FFPE rat oviduct and Multi Cytokeratin antibody (clone C11).



Immunofluorescent staining of permeabilized human HeLa cells with Multi Cytokeratin antibody (clone C11, green) and DAPI nuclear stain (blue).



Flow cytometry testing of permeabilized human HeLa cells with Multi Cytokeratin antibody (clone C11); Red = isotype control, Blue = Multi Cytokeratin antibody.

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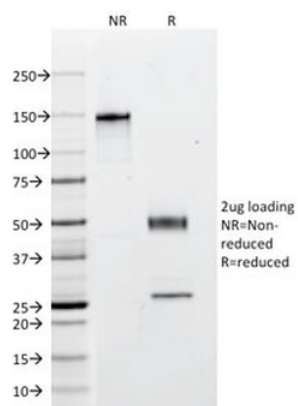
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SDS-PAGE analysis of purified, BSA-free Multi Cytokeratin antibody (clone C11) as confirmation of integrity and purity.

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