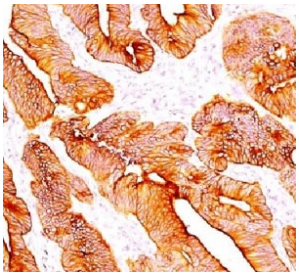
Multi Cytokeratin Antibody 4/5/6/8/10/13/18 [clone C11] (V2331)

Catalog No.	Formulation	Size
V2331-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2331-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2331SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2331IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

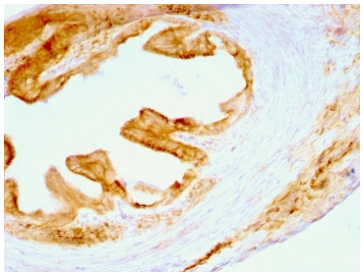
Citations (9)

Bulk quote request

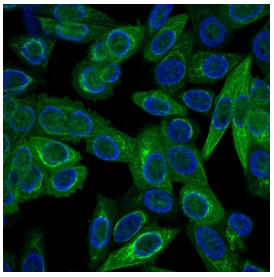
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C11
Purity	Protein G affinity chromatography
Gene ID	3851 (CK4); 3852 (CK5); 3853 (CK6); 3856 (CK8); 3858 (CK10); 3860 (CK13); 3875 (CK18)
Localization	Cytoplasmic
Applications	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
Limitations	This **Multi Cytokeratin antibody** is available for research use only.



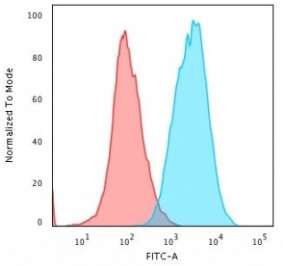
IHC testing of FFPE human colon carcinoma and Multi Cytokeratin antibody (clone C11).



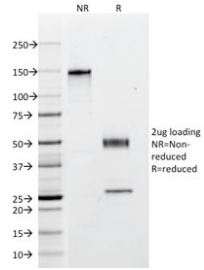
IHC testing of FFPE rat oviduct and Multi Cytokeratin antibody (clone C11).



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.



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

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.

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.

Immunogen

A keratin-enriched preparation from cultured human A431 was used as the immunogen for this Multi Cytokeratin antibody.

Storage

Store the Multi Cytokeratin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

Multi cytokeratin antibody

References (3)