abcam

ab193346

Anti-Cytokeratin 8 antibody [K8.8]

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Native Full Length Protein corresponding to Human KRT8. Database link P05787
Clone number	K8.8
Purification technique	Affinity purification Protein G
Light chain type	kappa

Reactivity data

ICC

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Not recommended

Species	Rat

Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1-2 µg for 10^6 Cells
Notes	-

Not recommended

Species	Rat
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Not recommended

Species	Rat
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1-2 µg/mL

Notes	-

Not recommended

Species	Rat
Dilution info	-
Notes	-

Target data

See full target information KRT8

Function	Required for the formation of KRT8/KRT18 filaments that are involved in ARHGEF40-mediated actin stress fiber formation and tensional force-induced stress fiber formation and reinforcement (PubMed:26823019). Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

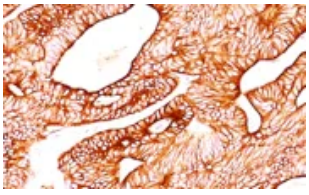
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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4 product images

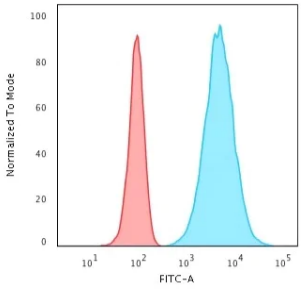


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8 antibody [K8.8] (ab193346)

Cytokeratin 8 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-Cytokeratin 8 antibody

Immunohistochemical analysis of formalin fixed paraffin embedded human colon carcinoma labeling Cytokeratin 8 with ab193346 at 0.5 µg/ml

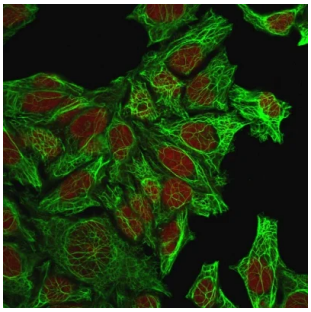
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Flow Cytometry - Anti-Cytokeratin 8 antibody [K8.8] (ab193346)

Cytokeratin 8 Flow Cytometry staining using mouse Anti-Cytokeratin 8 antibody

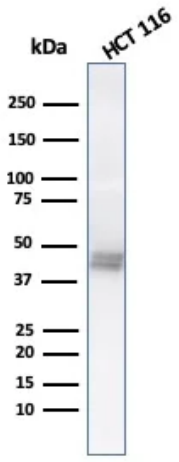
Flow Cytometry analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling Cytokeratin 8 with ab193346 at 2 µg/10^6 cells followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunocytochemistry - Anti-Cytokeratin 8 antibody [K8.8] (ab193346)

Cytokeratin 8 Immunocytochemistry staining using mouse Anti-Cytokeratin 8 antibody

Immunocytochemical analysis of HCT116 cells labeling Cytokeratin 8 with ab193346 at 2 µg/ml followed by Goat anti mouse IgG CF488 (green). The nuclear counterstain used reddot (red).



Western blot - Anti-Cytokeratin 8 antibody [K8.8] (ab193346)

All lanes:
Western blot - Anti-Cytokeratin 8 antibody [K8.8] (ab193346) at 2 µg/mL

All lanes:
HCT116 cell lysate

Predicted band size: 53 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.