abcam

ab200547

Anti-Cytokeratin 8 antibody [H1-TS1]

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	Cell preparation containing KRT8 protein. The exact immunogen used to generate this antibody is proprietary information. Database link P05787
Clone number	H1-TS1
Purification technique	Affinity purification Protein A
Concentration	0.2 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ICC

Tested

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

Flow Cyt

Tested

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

IHC-P

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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.

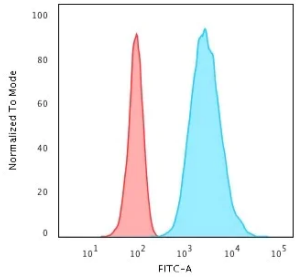
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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

Full details and terms and conditions can be found here:
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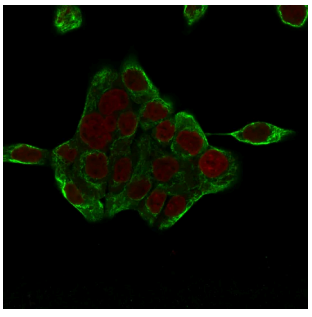
5 product images



Flow Cytometry - Anti-Cytokeratin 8 antibody [H1-TS1] (ab200547)

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

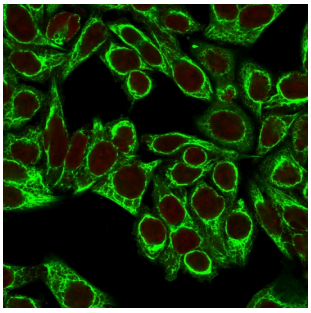
Flow cytometry analysis of Hela cells (human epithelial cell line from cervix adenocarcinoma) stained with ab200547 (blue) and an isotype control (red)



Immunocytochemistry - Anti-Cytokeratin 8 antibody [H1-TS1] (ab200547)

Cytokeratin 8 Immunocytochemistry staining using mouse Anti-Cytokeratin 8 antibody

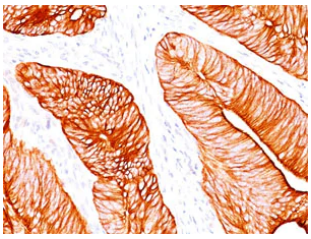
Immunocytochemistry immunofluorescence analysis of HCT116 cells (human colorectal carcinoma cell line) stained with ab200547 at 2µg/ml (green) and nuclear counterstaining with RedDot (red)



Immunocytochemistry - Anti-Cytokeratin 8 antibody [H1-TS1] (ab200547)

Cytokeratin 8 Immunocytochemistry staining using mouse Anti-Cytokeratin 8 antibody

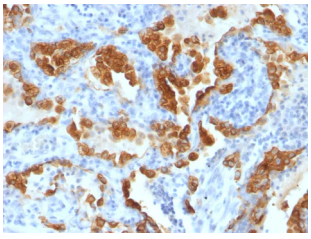
Immunocytochemistry immunofluorescence analysis of HeLa cells (human epithelial cell line from cervix adenocarcinoma) stained with ab200547 at 2µg/ml (green) and nuclear counterstaining with RedDot (red)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8 antibody [H1-TS1] (ab200547)

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 tissue labeling Cytokeratin 8 with ab200547 at 1 µg/mL.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8 antibody [H1-TS1] (ab200547)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung carcinoma tissue labelling Cytokeratin 8 with ab200547 at 2µg/ml dilution. Heat mediated antigen retrieval performed with tris/EDTA buffer pH 9 before commencing with IHC staining protocol.

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