abcam

ab218440

Anti-Cytokeratin 7 antibody [KRT7/1499R]

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human KRT7. Database link P08729
Clone number	KRT7/1499R
Purification technique	Affinity purification Protein A
Light chain type	kappa
Concentration	0.2 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	(Primary incubation for 30 minutes at RT).

Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Flow Cyt

Tested

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

WB

Tested

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

Target data

See full target information KRT7

Function	Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

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:
Terms & Conditions.

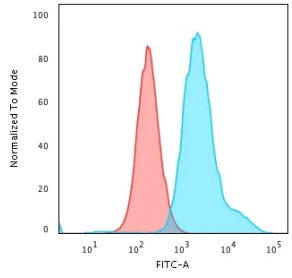
3 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [KRT7/1499R] (ab218440)

Cytokeratin 7 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Cytokeratin 7 antibody

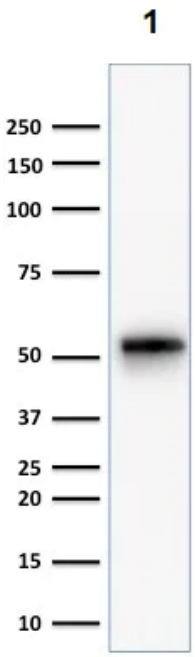
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human oviduct tissue labeling Cytokeratin 7 with ab218440 at 1 µg/ml.



Flow Cytometry - Anti-Cytokeratin 7 antibody [KRT7/1499R] (ab218440)

Cytokeratin 7 Flow Cytometry staining using rabbit Anti-Cytokeratin 7 antibody

Flow Cytometric analysis of PFA-fixed HeLa cells using ab218440 followed by Goat anti-rabbit IgG-CF488 (Blue); Isotype control (Red).



Western blot - Anti-Cytokeratin 7 antibody [KRT7/1499R] (ab218440)

Cytokeratin 7 Western blot staining of HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate using rabbit Anti-Cytokeratin 7 antibody

Western blot analysis labeling Cytokeratin 7 with ab218440 at 1 ug/ml.
All lanes:
Western blot - Anti-Cytokeratin 7 antibody [KRT7/1499R] (ab218440) at 1 µg/mL

All lanes:
HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Predicted band size: 51 kDa

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