abcam

ab216016

Anti-Cytokeratin 7 antibody [OV-TL12/30]

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 KRT7 protein. The exact immunogen used to generate this antibody is proprietary information. Database link P08729
Clone number	OV-TL12/30
Purification technique	Affinity purification Protein A/G
Concentration	0.2 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	ab216016 was purified from Bioreactor Concentrate by Protein A/G.

Reactivity data

ICC/IF

Tested

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

Flow Cyt

Tested

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

WB

Tested

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

IHC-P

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	Primary incubation for 30 minutes at room temperature. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at room temperature for 20 minutes.

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

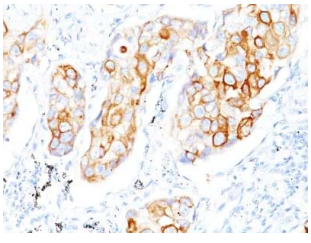
We do not recommend this combination. It is not covered by our product promise.

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.

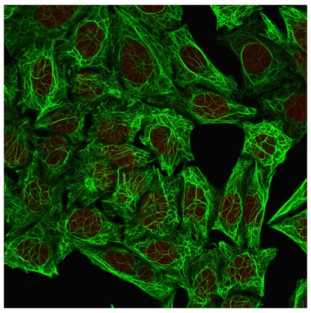
4 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [OV-TL12/30] (ab216016)

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

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung SCC tissue labeling Cytokeratin 7 with ab216016 at 1 µg/ml.



Immunocytochemistry/ Immunofluorescence - Anti-Cytokeratin 7 antibody [OV-TL12/30] (ab216016)

Cytokeratin 7 Immunocytochemistry/ Immunofluorescence staining using mouse Anti-Cytokeratin 7 antibody

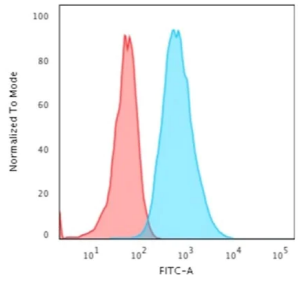
Immunocytochemistry analysis of methanol-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling Cytokeratin 7 with ab216016 followed by goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Redot.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [OV-TL12/30] (ab216016)

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

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human ovarian carcinoma tissue labeling Cytokeratin 7 with ab216016 at 1 µg/ml.



Flow Cytometry - Anti-Cytokeratin 7 antibody [OV-TL12/30] (ab216016)

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

Flow Cytometry analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling Cytokeratin 7 with ab216016 followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

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