abcam

ab212526

Anti-Cytokeratin 7 antibody [SPM270] - BSA and Azide free

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing KRT7 protein. The exact immunogen used to generate this antibody is proprietary information. Database link P08729
Carrier free	Yes
Clone number	SPM270
Purification technique	Affinity purification Protein G
Purification notes	Purified from bioreactor concentrate.

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	0.5-1 µg/mL
Notes	Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ICC

Tested

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

Flow Cyt

Tested

Species	Human
Dilution info	1-2 µg/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

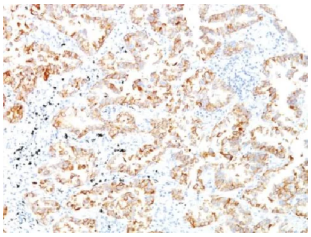
We do not recommend this combination. It is not covered by our product promise.

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.

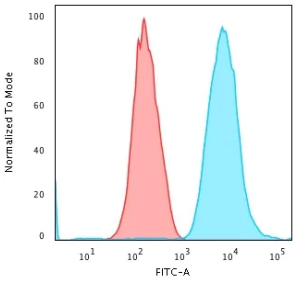
3 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [SPM270] - BSA and Azide free (ab212526)

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

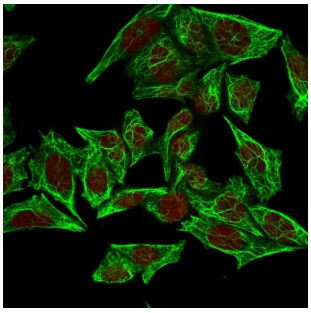
Immunohistochemical analysis of paraffin embedded human Lung, squamous cell carcinoma tissue labeling Cytokeratin 7 with ab212526 at 0.5 µg/mL.



Flow Cytometry - Anti-Cytokeratin 7 antibody [SPM270] - BSA and Azide free (ab212526)

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

Flow Cytometric analysis of trypsinised MeOH-fixed HeLa cells labeling Cytokeratin 7 with ab212526 followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



Immunocytochemistry - Anti-Cytokeratin 7 antibody [SPM270] - BSA and Azide free (ab212526)

Cytokeratin 7 Immunocytochemistry staining using mouse Anti-Cytokeratin 7 antibody

Immunocytochemistry analysis of HeLa cells labelling Cytokeratin 7 with ab212526 at 2 µg/mL. Goat Anti-Mouse IgG-CF448 (green) was used as the secondary antibody (green). Cells were counterstained with reddot (red).

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