

Product Datasheet

Cytokeratin, pan Antibody (PD00-15) NBP3-32710

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32710

Cytokeratin, pan Antibody (PD00-15)

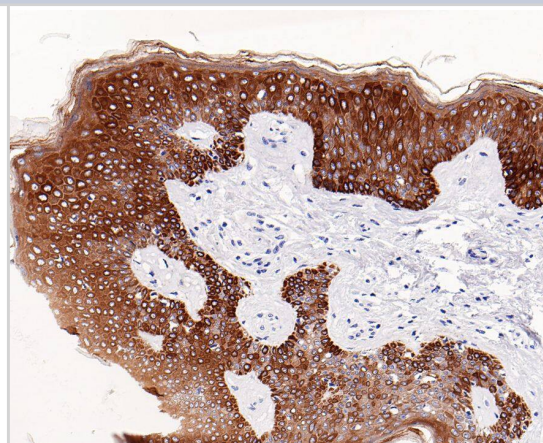
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PD00-15
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Product Description	
Host	Mouse
Gene ID	3848
Gene Symbol	KRT1
Species	Human
Immunogen	Recognizes human cytokeratins 4, 5, 6, 8, 10, 13, and 18. (Uniprot: Q01546)
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	Recommended dilution for Multiplex IHC: 1:3000



Images

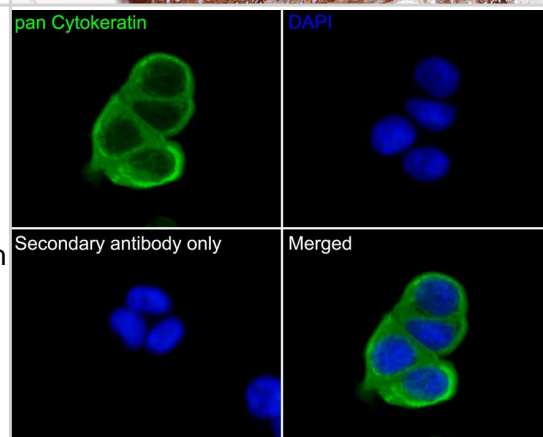
Immunohistochemistry: Cytokeratin, pan Antibody (PD00-15) [NBP3-32710] - Immunohistochemical analysis of paraffin-embedded human skin tissue with Mouse anti-Cytokeratin, pan antibody (NBP3-32710) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32710) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



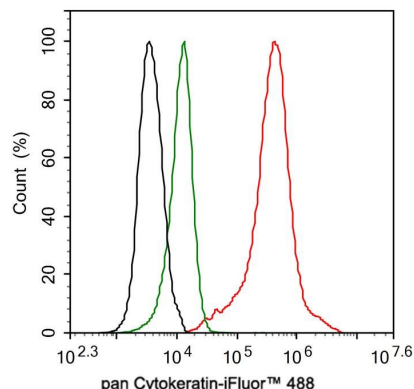
Immunocytochemistry/ Immunofluorescence: Cytokeratin, pan Antibody (PD00-15) [NBP3-32710] - Immunocytochemistry analysis of MCF7 cells labeling Cytokeratin, pan with Mouse anti-Cytokeratin, pan antibody (NBP3-32710) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 30 minutes, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes, and then blocked with 2% BSA for 30 minutes at room temperature. Cells were then incubated with Mouse anti-Cytokeratin, pan antibody (NBP3-32710) at 1/50 dilution in 2% BSA overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow Cytometry: Cytokeratin, pan Antibody (PD00-15) [NBP3-32710] - Flow cytometric analysis of MCF7 cells labeling Cytokeratin, pan.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32710, 1 µg/ml) (red) compared with Mouse IgG1 Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32710

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
DNST0	Endostatin [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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