

Product Datasheet

Cytokeratin 5/6 Antibody (A2A12) NBP2-80401

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP2-80401

Cytokeratin 5/6 Antibody (A2A12)

Product Information

Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A2A12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	60 kDa

Product Description

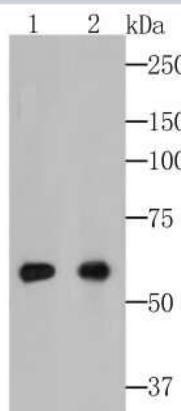
Description	Novus Biologicals Mouse Cytokeratin 5/6 Antibody (A2A12) (NBP2-80401) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3852
Gene Symbol	KRT5
Species	Human
Immunogen	Synthetic peptide within Human Cytokeratin 5/6 aa 340-380. (SwissProt: P02538 Human; SwissProt: P04259 Human; SwissProt: P13647 Human)

Product Application Details

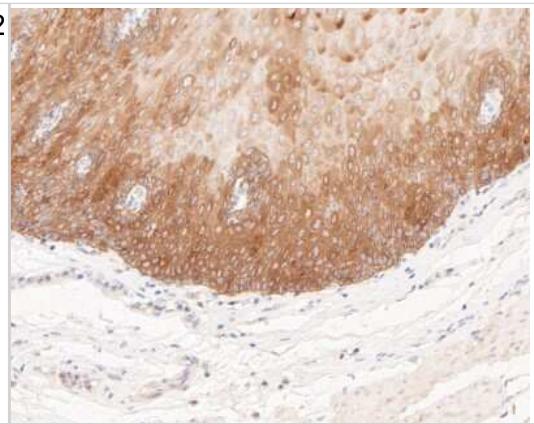
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100-1:500

Images

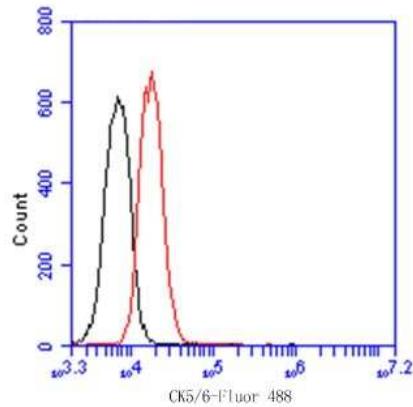
Western Blot: Cytokeratin 5/6 Antibody (A2A12) [NBP2-80401] - Analysis of Cytokeratin 6a on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (NBP2-80401, 1/100) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: HT-29 cell lysate Lane 2: Human skin tissue lysate



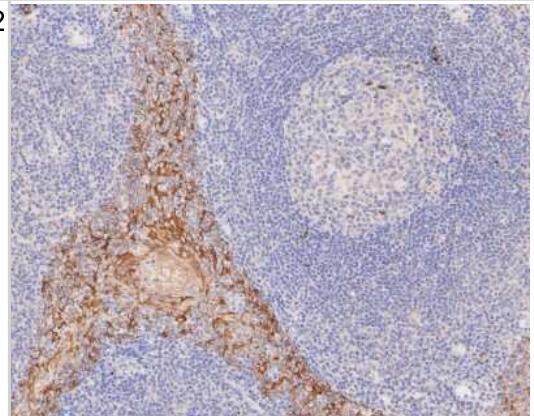
Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (A2A12) [NBP2-80401] - Analysis in human esophagus tissue using Cytokeratin 6a antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, w



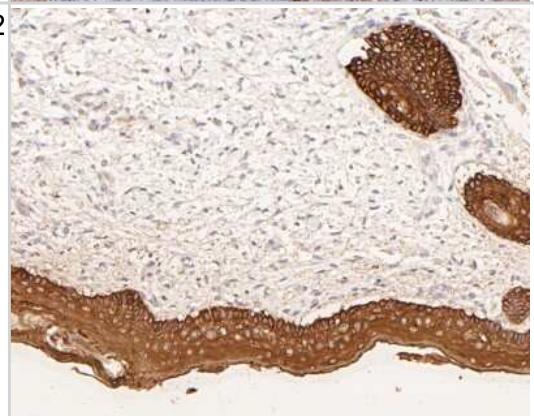
Flow Cytometry: Cytokeratin 5/6 Antibody (A2A12) [NBP2-80401] - Analysis of Cytokeratin 6a was done on A431 cells. The cells were fixed, permeabilized and stained with the primary antibody (1/100) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated goat anti-Mouse IgG Secondary antibody at 1/500 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (A2A12) [NBP2-80401] - Analysis in human tonsil tissue using Cytokeratin 6a antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, wash



Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (A2A12) [NBP2-80401] - Analysis in human skin tissue using Cytokeratin 6a antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed





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Products Related to NBP2-80401

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)
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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