

Product Datasheet

Stathmin 1 Antibody (11E1)

NBP2-76906

Unit Size: 100 ul

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

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NBP2-76906

Stathmin 1 Antibody (11E1)

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	11E1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	17 kDa

Product Description

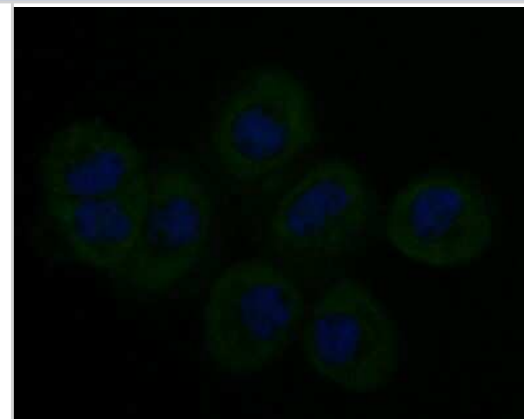
Host	Mouse
Gene Symbol	STMN1
Species	Human
Immunogen	Synthetic peptide within Human Stathmin 1 aa 100-149 / 149. (SwissProt: P16949 Human)

Product Application Details

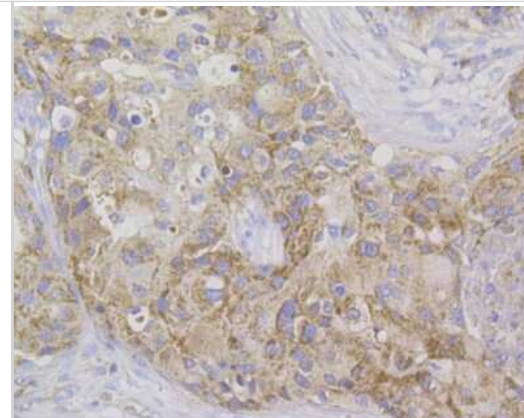
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50-1:200

Images

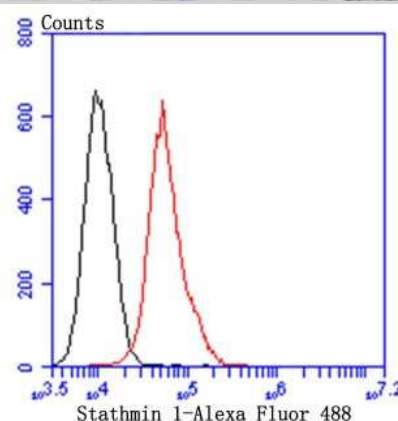
Immunocytochemistry/Immunofluorescence: Stathmin 1 Antibody (11E1) [NBP2-76906] - ICC staining Stathmin 1 in A431 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with Stathmin 1 monoclonal antibody at a dilution of 1:200 for 1 hour at room temperature, washed with PBS. Alexa Fluor 488 Goat anti-Mouse IgG was used as the secondary antibody at 1/100 dilution.



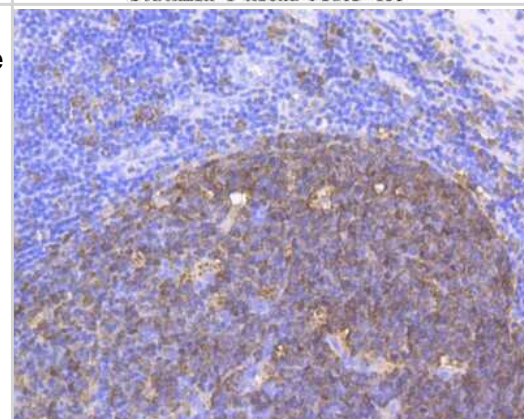
Immunohistochemistry: Stathmin 1 Antibody (11E1) [NBP2-76906] - Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Stathmin 1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



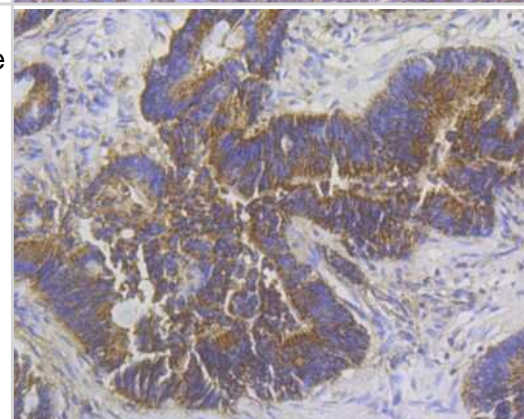
Flow Cytometry: Stathmin 1 Antibody (11E1) [NBP2-76906] - Flow cytometric analysis of Stathmin 1 was done on MG-63 cells. The cells were fixed, permeabilized and stained with Ki67 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). After incubation of the primary antibody on 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.



Immunohistochemistry: Stathmin 1 Antibody (11E1) [NBP2-76906] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Stathmin 1 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 with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry: Stathmin 1 Antibody (11E1) [NBP2-76906] - Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Stathmin 1 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 with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.





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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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