

Product Datasheet

STAT1 Antibody (SD20-75) NBP2-67750

Unit Size: 100 ul

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

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NBP2-67750

STAT1 Antibody (SD20-75)

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	SD20-75
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

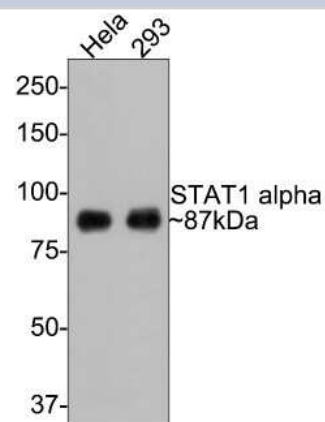
Host	Rabbit
Gene Symbol	STAT1
Species	Human
Immunogen	Synthetic peptide within Human STAT1 aa 1-50 / 750. (SwissProt: P42224 Human)

Product Application Details

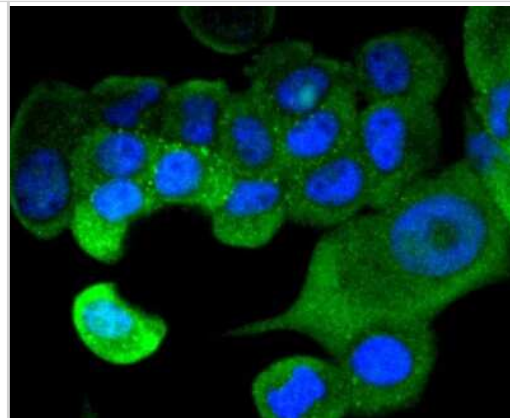
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

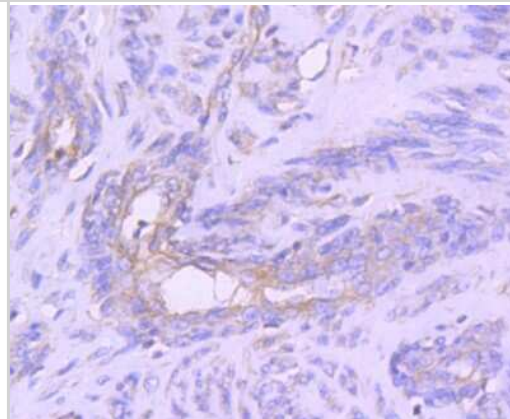
Western Blot: STAT1 Antibody (SD20-75) [NBP2-67750] - Analysis of STAT1 on different lysates with Rabbit anti-STAT1 antibody at 1/500 dilution. Lane 1: HeLa cell lysate Lane 2: 293 cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 87 kDa Observed band size: 87 kDa Exposure time: 1 minute; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



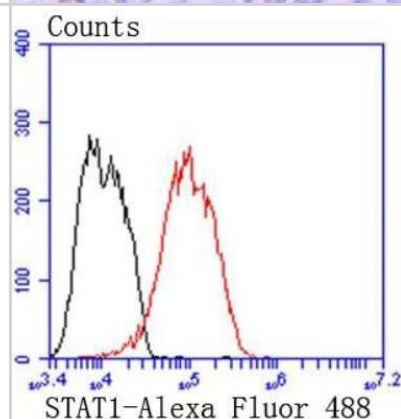
Immunocytochemistry/Immunofluorescence: STAT1 Antibody (SD20-75) [NBP2-67750] - Staining STAT1 alpha in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



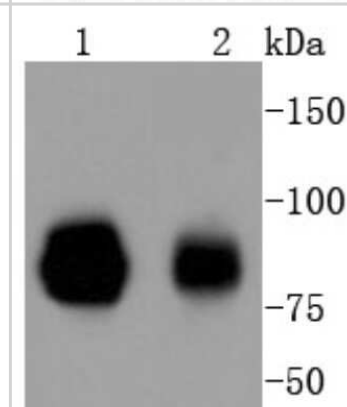
Immunohistochemistry-Paraffin: STAT1 Antibody (SD20-75) [NBP2-67750] - Analysis of paraffin-embedded human cervix uteri tissue using anti-STAT1 alpha antibody. Counter stained with hematoxylin.



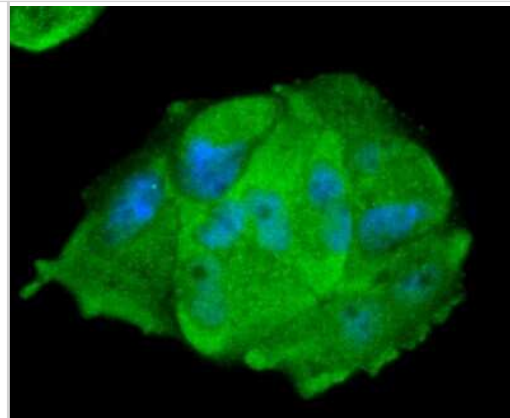
Flow Cytometry: STAT1 Antibody (SD20-75) [NBP2-67750] - Analysis of MCF-7 cells with STAT1 alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



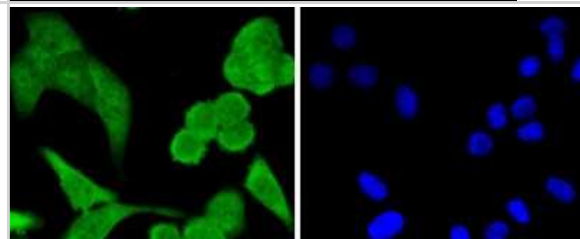
Western Blot: STAT1 Antibody (SD20-75) [NBP2-67750] - Analysis of STAT1 on different lysates using anti-STAT1 alpha antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: 293



Immunocytochemistry/Immunofluorescence: STAT1 Antibody (SD20-75) [NBP2-67750] - Staining STAT1 alpha in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: STAT1 Antibody (SD20-75) [NBP2-67750] - Staining STAT1 alpha in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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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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