

Product Datasheet

STAT1 Antibody (OTI4H9) NBP1-48011

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-48011

STAT1 Antibody (OTI4H9)

Product Information

Unit Size	0.1 ml
Concentration	0.7 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H9
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	82.9 kDa

Product Description

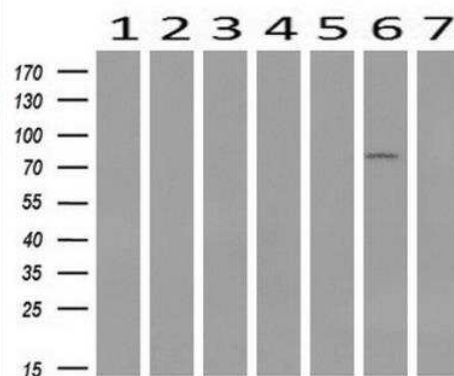
Host	Mouse
Gene ID	6772
Gene Symbol	STAT1
Species	Human, Mouse, Rat, Canine, Primate, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens signal transducer and activator of transcription 1, 91kDa (STAT1), transcript variant beta.
Immunogen	Full length human recombinant protein of human STAT1 (NP_009330) produced in HEK293T cell.

Product Application Details

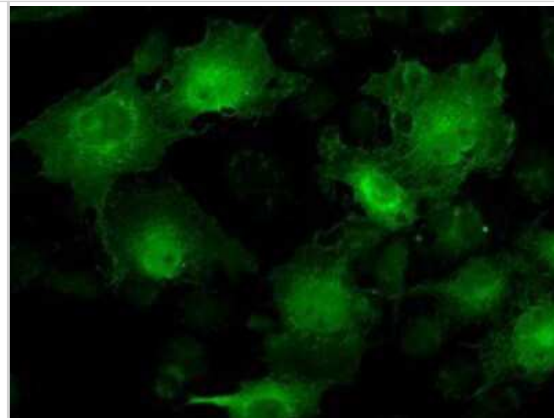
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-2000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:50

Images

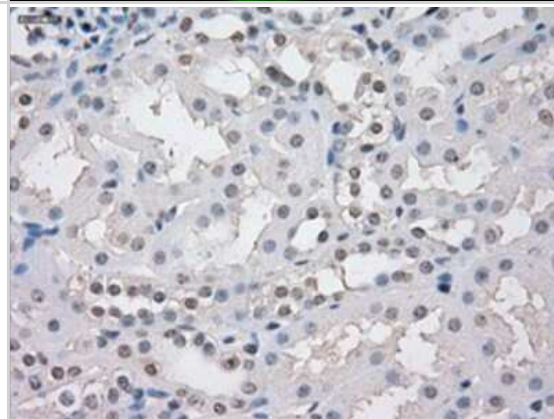
Western Blot: STAT1 Antibody (OTI4H9) [NBP1-48011] - Analysis of extracts (10ug) from 7 Human tissue by using anti-STAT1 monoclonal antibody (1: Uterus; 2: Breast; 3: Brain; 4: Liver; 5: Ovary; 6: Thyroid gland; 7: colon) at 1:200 dilution.



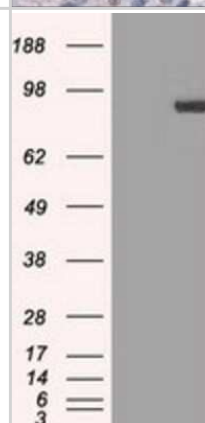
Immunocytochemistry/Immunofluorescence: STAT1 Antibody (4H9) [NBP1-48011] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY STAT1.



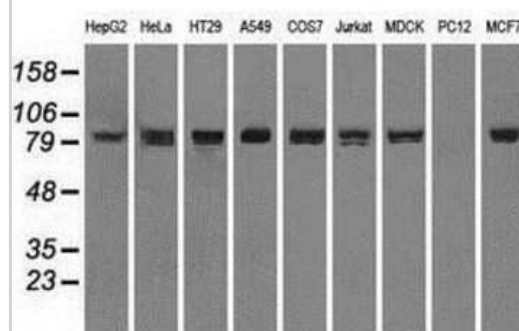
Immunohistochemistry-Paraffin: STAT1 Antibody (4H9) [NBP1-48011] - Staining of paraffin-embedded Human Kidney tissue using anti-STAT1 mouse monoclonal antibody.



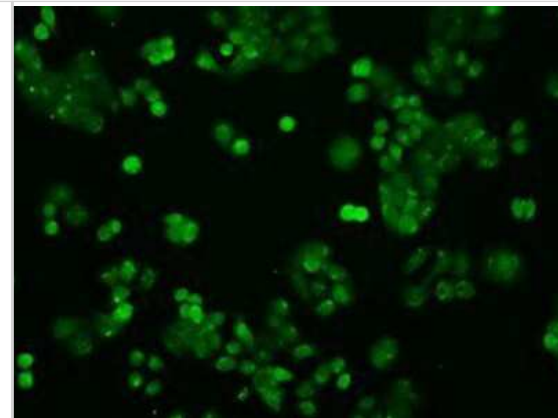
Western Blot: STAT1 Antibody (4H9) [NBP1-48011] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STAT1.



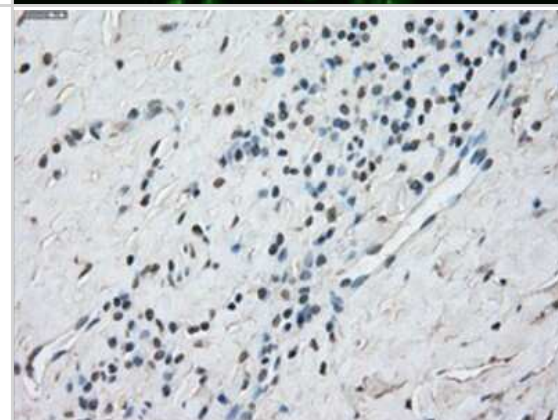
Western Blot: STAT1 Antibody (4H9) [NBP1-48011] Analysis of extracts (35ug) from 9 different cell lines by using anti-STAT1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



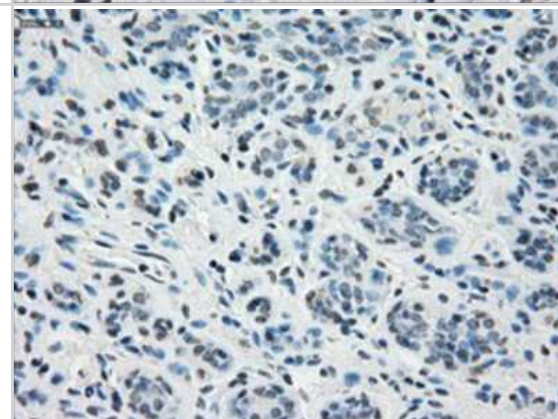
Immunocytochemistry/Immunofluorescence: STAT1 Antibody (4H9) [NBP1-48011] - Immunofluorescent staining of HT29 cells using anti-STAT1 mouse monoclonal antibody.



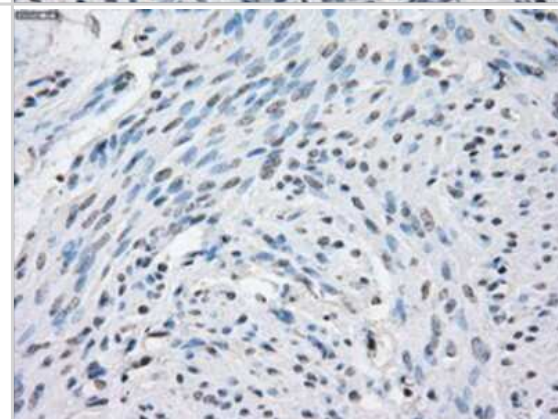
Immunohistochemistry-Paraffin: STAT1 Antibody (4H9) [NBP1-48011] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-STAT1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT1 Antibody (4H9) [NBP1-48011] - Staining of paraffin-embedded Human breast tissue using anti-STAT1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT1 Antibody (4H9) [NBP1-48011] - Staining of paraffin-embedded Human endometrium tissue using anti-STAT1 mouse monoclonal antibody.





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Products Related to NBP1-48011

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)
NB100-56314PEP	STAT1 Antibody Blocking Peptide

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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