

Product Datasheet

STAT3 Antibody (OTI21E7)

NBP1-48014

Unit Size: 0.1 ml

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

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NBP1-48014**STAT3 Antibody (OTI21E7)**

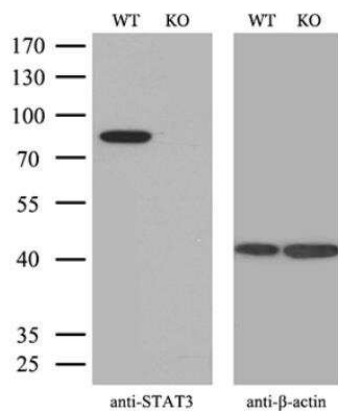
Product Information	
Unit Size	0.1 ml
Concentration	0.35 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI21E7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	88.08 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse STAT3 Antibody (OTI21E7) (NBP1-48014) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6774
Gene Symbol	STAT3
Species	Human, Mouse, Rat
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 3 (acute-phase response factor) (STAT3), transcript variant 3.
Immunogen	Recombinant protein expressed in E.coli corresponding to amino acids 154-175 of human stat3

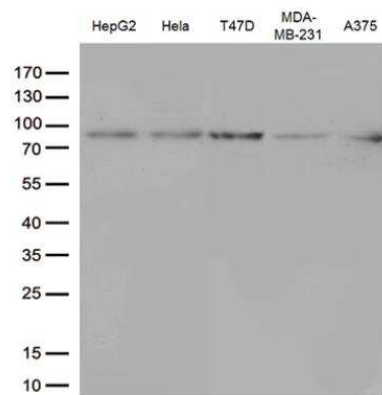
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50, Knockout Validated

Images

Western Blot: STAT3 Antibody (OTI21E7) [NBP1-48014] - Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells and STAT3-Knockout HeLa cells were separated by SDS-PAGE and immunoblotted with anti-STAT3 monoclonal antibody. Then the blotted membrane was stripped and reprobed with anti- β -actin antibody as a loading control.(1:500)



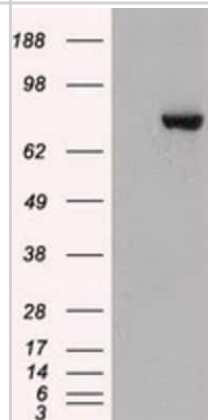
Western Blot: STAT3 Antibody (OTI21E7) [NBP1-48014] - Analysis of extracts (35ug) from different cell line by using anti-STAT3 monoclonal antibody. (1:500)



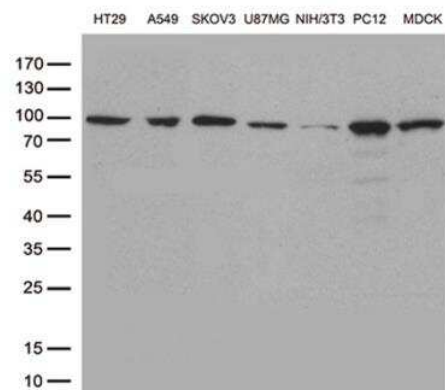
Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] Staining of paraffin-embedded thyroid using anti-STAT3 mouse monoclonal antibody.



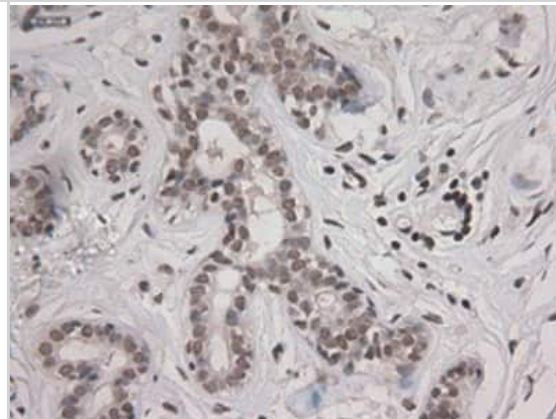
Western Blot: STAT3 Antibody (21E7) [NBP1-48014] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT3(Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STAT3.



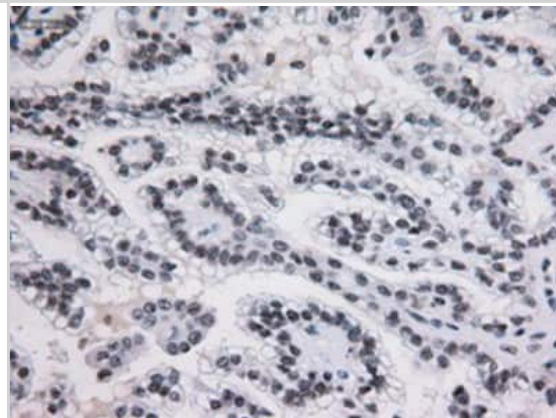
Western Blot: STAT3 Antibody (OTI21E7) [NBP1-48014] - Analysis of extracts (35ug) from different cell line by using anti-STAT3 monoclonal antibody. (1:500)



Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded breast using anti-STAT3 mouse monoclonal antibody.



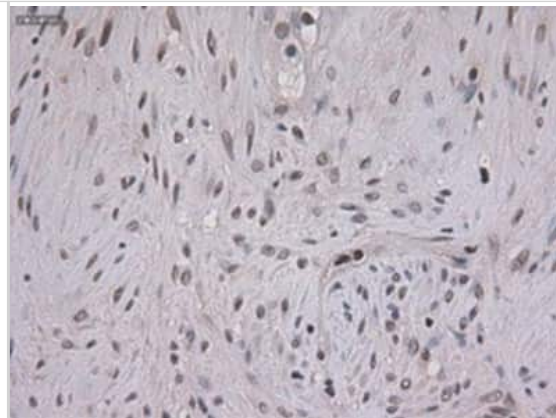
Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded Carcinoma of kidney using anti-STAT3 mouse monoclonal antibody.



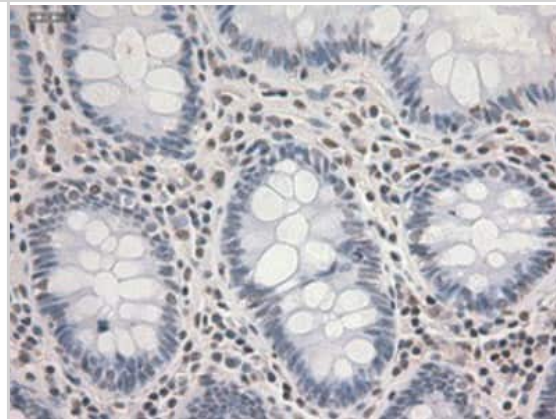
Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded Carcinoma of lung using anti-STAT3 mouse monoclonal antibody.



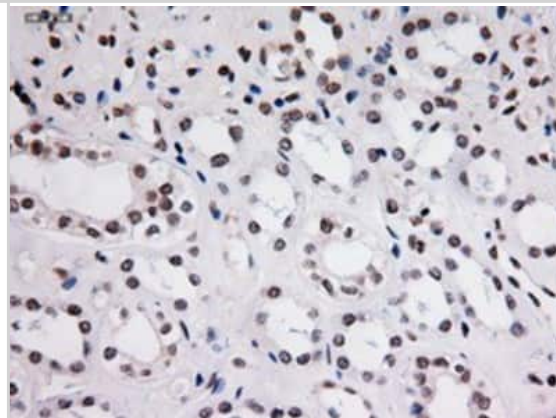
Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded Carcinoma of pancreas using anti-STAT3 mouse monoclonal antibody.



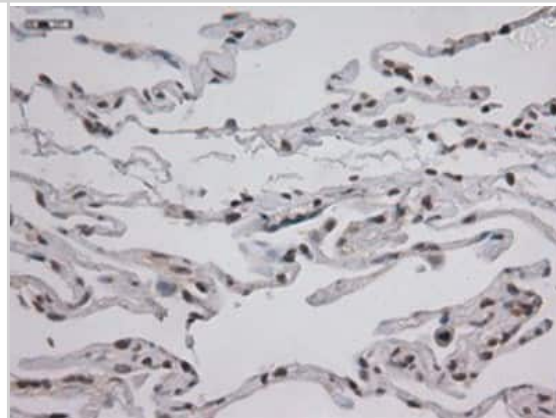
Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded colon using anti-STAT3 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded kidney using anti-STAT3 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT3 Antibody (21E7) [NBP1-48014] - Staining of paraffin-embedded lung using anti-STAT3 mouse monoclonal antibody.





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Products Related to NBP1-48014

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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