

Product Datasheet

STAT3 Antibody (OTI21E7) - Azide and BSA Free NBP2-74378

Unit Size: 100 ug

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

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NBP2-74378

STAT3 Antibody (OTI21E7) - Azide and BSA Free

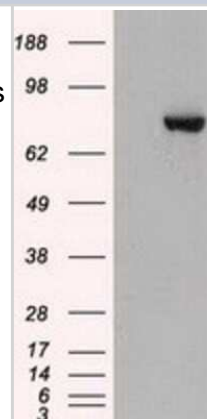
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI21E7
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	88.08 kDa

Product Description	
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.
Immunogen	Recombinant protein expressed in E.coli corresponding to amino acids 154-175 of human stat3

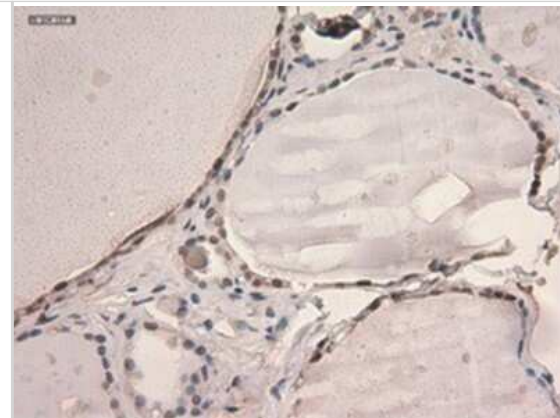
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:50, Knockout Validated

Images

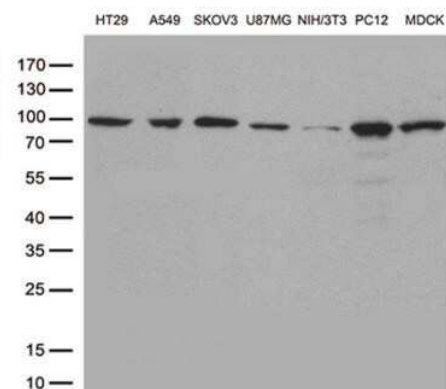
Western Blot: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT3(Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STAT3.



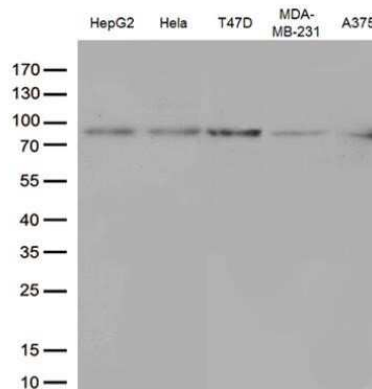
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded thyroid using anti-STAT3 mouse monoclonal antibody.



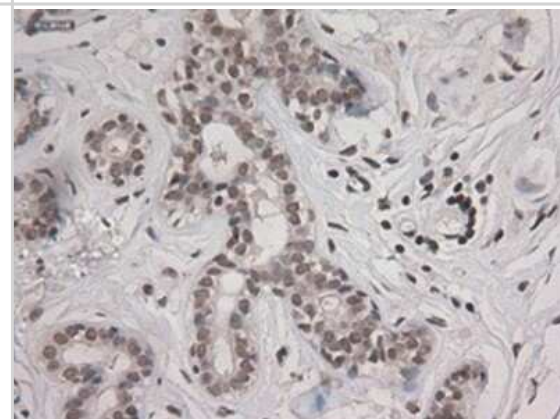
Western Blot: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Analysis of extracts (35ug) from different cell line by using anti-STAT3 monoclonal antibody. (1:500)



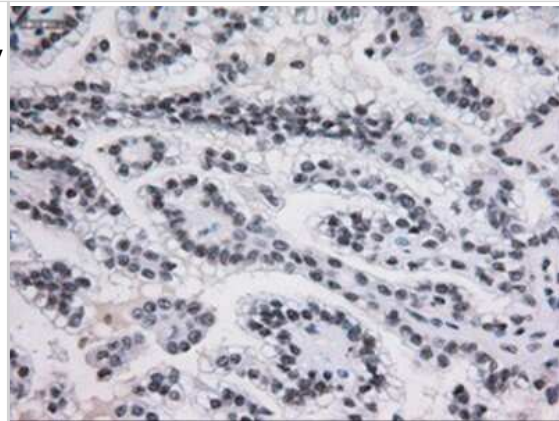
Western Blot: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Analysis of extracts (35ug) from different cell line by using anti-STAT3 monoclonal antibody. (1:500)



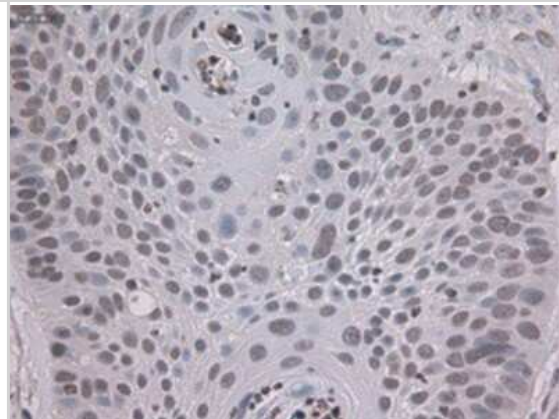
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded breast using anti-STAT3 mouse monoclonal antibody.



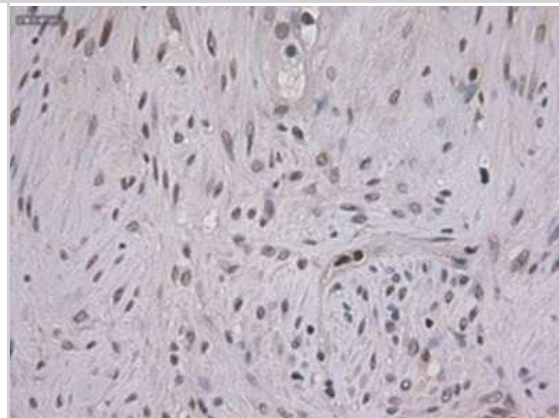
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded Carcinoma of kidney using anti-STAT3 mouse monoclonal antibody.



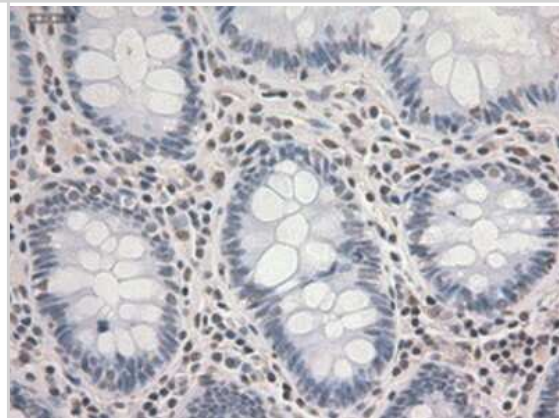
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded Carcinoma of lung using anti-STAT3 mouse monoclonal antibody.



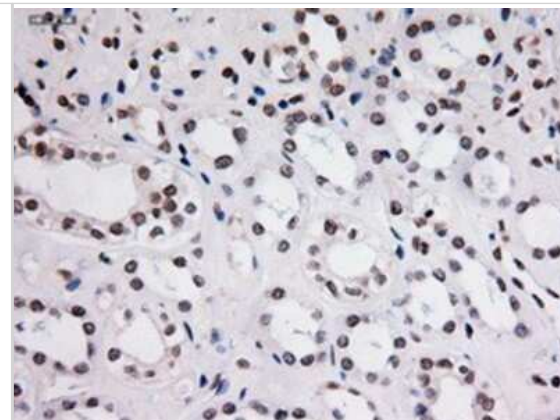
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded Carcinoma of pancreas using anti-STAT3 mouse monoclonal antibody.



Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded colon using anti-STAT3 mouse monoclonal antibody.



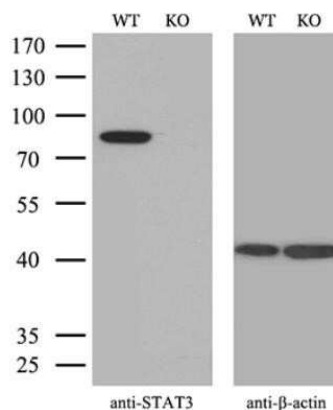
Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded kidney using anti-STAT3 mouse monoclonal antibody.



Immunohistochemistry: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - Staining of paraffin-embedded lung using anti-STAT3 mouse monoclonal antibody.



Knockout Validated: STAT3 Antibody (OTI21E7) - Azide and BSA Free [NBP2-74378] - 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 re-probed with anti- β -actin antibody as a loading control.(1:500)





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Products Related to NBP2-74378

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)
H00006774-P01-10ug	Recombinant Human STAT3 GST (N-Term) Protein

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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