BOSTER BIOLOGICAL TECHNOLOGY
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Anti-STAT3 Rabbit Monoclonal Antibody

Catalog Number: M00007-1

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Overview

Product Name	Anti-STAT3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-STAT3 Rabbit Monoclonal Antibody catalog # M00007-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal CAB-19
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P40763

Technical Details

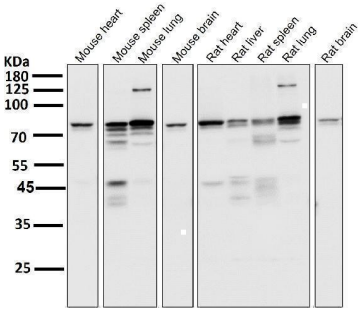
Immunogen	A synthesized peptide derived from human STAT3
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:1000-1:2000

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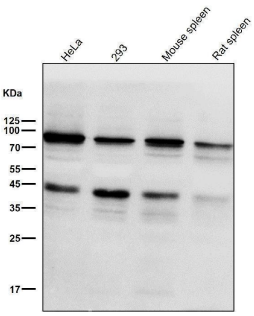
	IHC, 1:50-1:200 ICC/IF, 1:50-1:200

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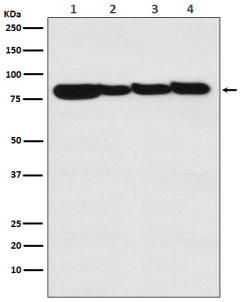
Anti-STAT3 Rabbit Monoclonal Antibody (M00007-1) Images



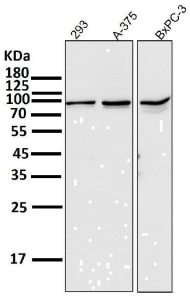
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



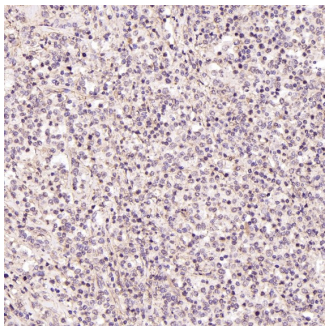
Western blot analysis of STAT3 expression in (1) A431 cell lysate; (2) Human liver lysate; (3) Mouse heart lysate; (4) Rat brain lysate.

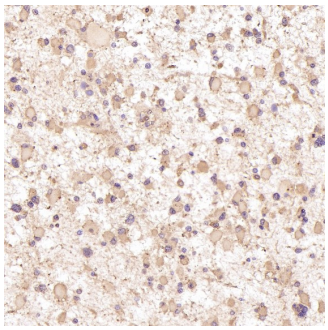


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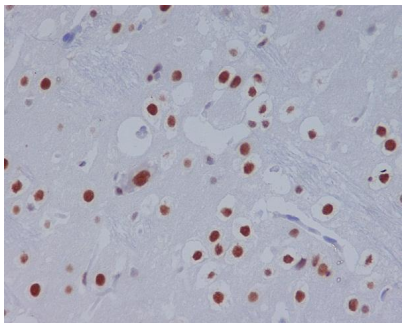
Immunohistochemical analysis of paraffin-embedded Human Hodgkin's lymphoma, using the Antibody at 1:50 dilution.

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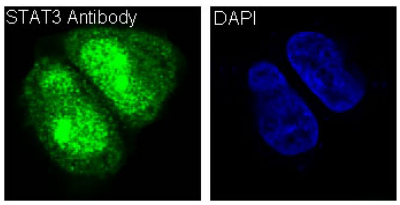




Immunohistochemical analysis of paraffin-embedded Human astrocytoma, using the Antibody at 1:50 dilution.



Immunohistochemical analysis of paraffin-embedded rat brain, using STAT3 Antibody.



Immunofluorescent analysis of Hela cells treated with IFNalpha, using STAT3 Antibody.

7 Publications Citing This Product

1. PubMed ID: 33542641, Zhang Q,Duan HX,Li RL,Sun JY,Liu J,Peng W,Wu CJ,Gao YX. Inducing Apoptosis and Suppressing Inflammatory Reactions in Synovial Fibroblasts are Two Important Ways for Guizhi-Shaoyao-Zhimu Decoction Against Rheumatoid Arthritis. J Inflamm Res.2021 Jan 26;14:

2. PubMed ID: 23533997, Khan M, Li T, Ahmad Khan Mk, Rasul A, Nawaz F, Sun M, Zheng Y, Ma T. Biomed Res Int. 2013;2013:719858. Doi: 10.1155/2013/719858. Epub 2012 Dec 27. Alantolactone Induces Apoptosis In Hepg2 Cells Through Gsh Depletion, Inhibition Of Stat3 Activation...

3. PubMed ID: 23693134, Hu T, Zhang C, Tang Q, Su Y, Li B, Chen L, Zhang Z, Cai T, Zhu Y. Bmc Cancer. 2013 May 22;13:251. Doi: 10.1186/1471-2407-13-251. Variant G6Pd Levels Promote Tumor Cell Proliferation Or Apoptosis Via The Stat3/5 Pathway In The Human Melanoma Xenogr...

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