

Datasheet for ABIN3188061

anti-STAT3 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	STAT3
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Clone:	3F4
Isotype:	IgG1
Specificity:	STAT3 Mouse Monoclonal Antibody (3F4) detects endogenous levels of STAT3
Characteristics:	Mouse Monoclonal to STAT3 (3F4).
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Target Details

Target:	STAT3
Alternative Name:	STAT3 (STAT3 Products)
Gene ID:	6774

Target Details

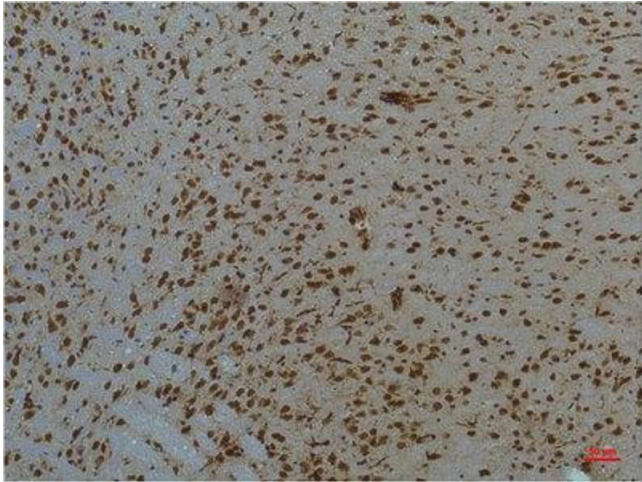
UniProt:	P40763
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Neurotrophin Signaling Pathway , Dopaminergic Neurogenesis , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Stem Cell Maintenance , Hepatitis C , Protein targeting to Nucleus , Feeding Behaviour , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB 1:1000-2000, IHC 1:100-200
Restrictions:	For Research Use only

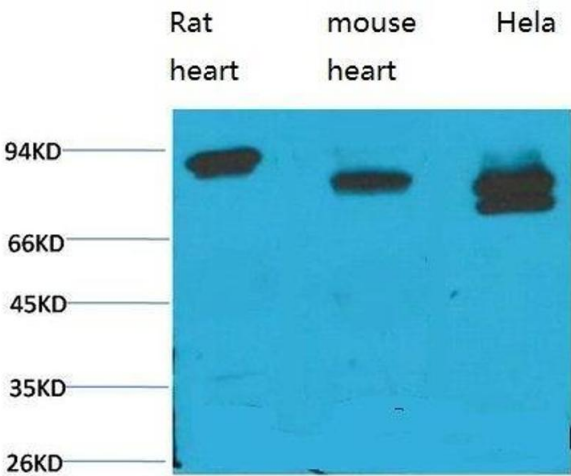
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C.



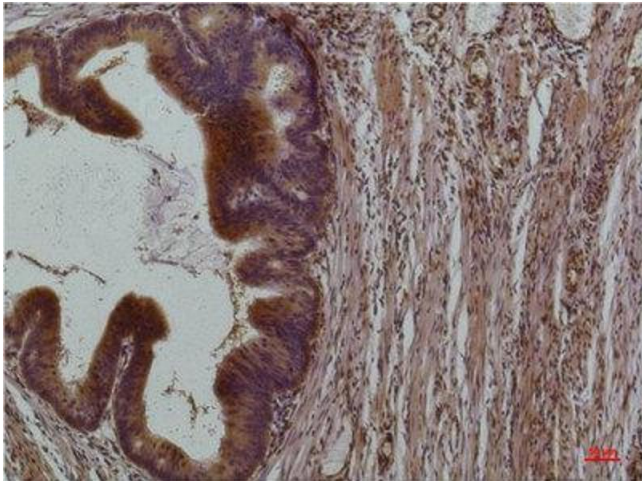
Immunohistochemistry

Image 1. Immunohistochemistry (IHC) analysis of paraffin-embedded Mouse Brain Tissue using STAT3 Mouse Monoclonal Antibody diluted at 1:200.



Western Blotting

Image 2. Western Blot (WB) analysis of 1) Rat Heart Tissue, 2) Mouse Heart Tissue, 3) HeLa with STAT3 Mouse Monoclonal Antibody diluted at 1:2000.



Immunohistochemistry

Image 3. Immunohistochemistry (IHC) analysis of paraffin-embedded Human Colon Carcinoma using STAT3 Mouse Monoclonal Antibody diluted at 1:200.