

Datasheet for ABIN933087

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

Overview

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

Product Details

Immunogen:	STAT3 antibody was raised in Mouse using a purified recombinant fragment of human STAT3 expressed in E. coli as the immunogen.
Clone:	3B5
Isotype:	IgG1

Target Details

Target:	STAT3
Alternative Name:	STAT3 (STAT3 Products)
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

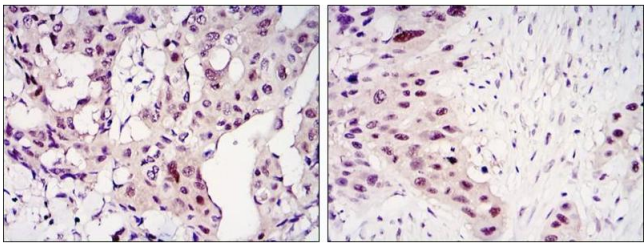
Application Details

Application Notes:	ELISA: 1:10,000, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

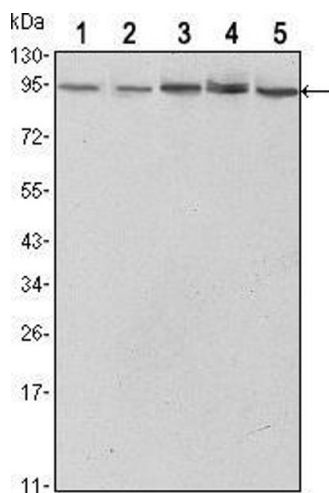
Format:	Liquid
Concentration:	Lot specific
Buffer:	as a liquid In ascitic fluid containg 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	-20 °C
Storage Comment:	Store at 4 °C for short term storage. Store at -20 °C for long term storage.

Images



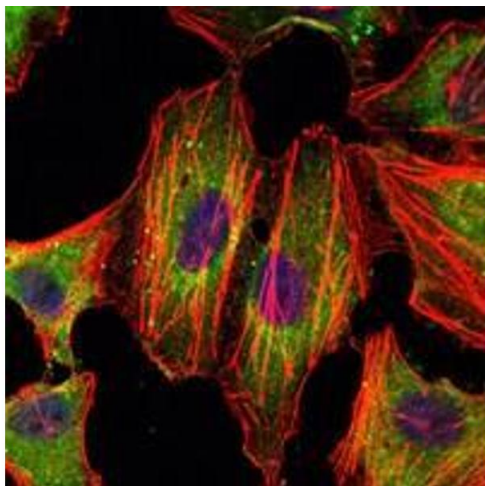
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded mammary cancer tissues (left) and lung cancer tissues (right) using STAT3 antibody with DAB staining.



Western Blotting

Image 2. Western Blot showing STAT3 antibody used against Hela (1),NIH/3T3 (2), Jurkat (3), PC-12 (4) and COS7 (5) cell lysate.



Immunofluorescence

Image 3. Immunofluorescence analysis of Hela cells using STAT3 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.