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Datasheet for ABIN563024

anti-STAT1 antibody (AA 613-712)

4 Images

Overview

Quantity:	100 µg
Target:	STAT1
Binding Specificity:	AA 613-712
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant STAT1.
Immunogen:	STAT1 (AAH02704, 613 a.a. ~ 712 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	TFTWVERSQN GGEPDFHAVE PYTKKELSAV TFPDIIRNYK VMAAENIPEN PLKYLYPNID KDHAFGKYYS RPKEAPEPME LDGPKGTGYI KTELISVSEV
Clone:	1A8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	STAT1
Alternative Name:	STAT1 (STAT1 Products)
Background:	Full Gene Name: signal transducer and activator of transcription 1, 91 kDa Synonyms: DKFZp686B04100,ISGF-3,STAT91
Gene ID:	6772
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity , Hepatitis C , CXCR4-mediated Signaling Events

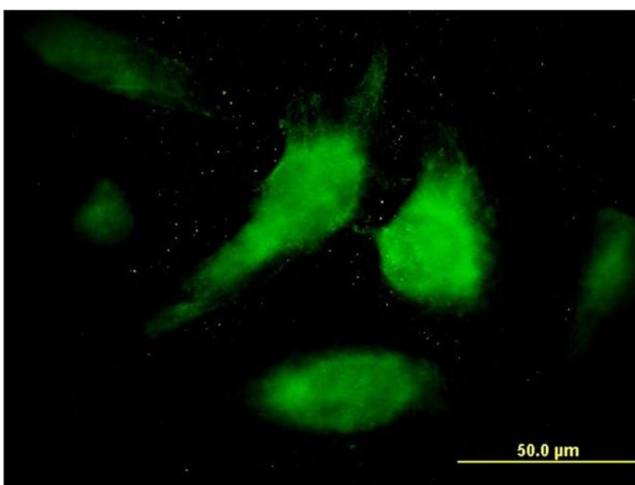
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

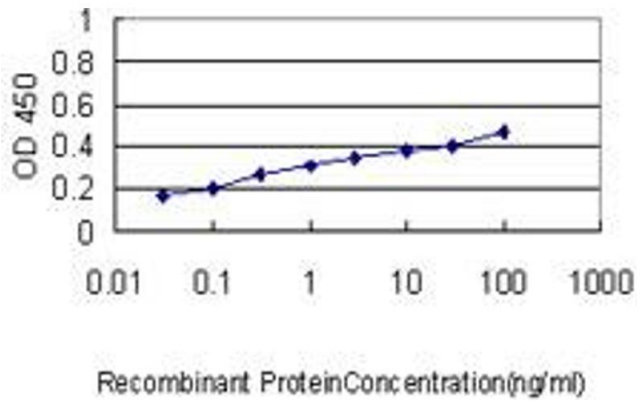
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



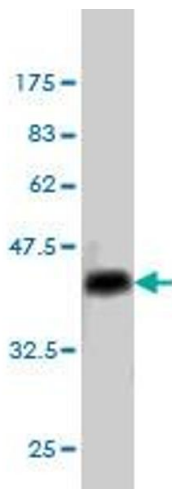
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to STAT1 on HeLa cell. [antibody concentration 40 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged STAT1 is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 kDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN563024.