

Datasheet for ABIN2665501

anti-STAT2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	STAT2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	Poly6245
Isotype:	IgG
Purification:	The antibody was purified by antigen-affinity chromatography.

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	STAT2, a 113 kD member of the STAT (signal transducer and activators of transcription) protein family, is phosphorylated in response to interferon alpha receptor signaling by Janus kinase I. Phosphorylation of STAT 2 induces nuclear translocation to activate transcription. STAT2 is highly expressed in the skin and thymus. STAT 2 forms complex with STAT1 and p48 to activate transcription and does not bind DNA directly. STAT 3 interacts with interferon

Target Details

regulatory factor 9, interferon alpha receptor, STAT 1, p48, and CREB binding protein. The Poly6245 antibody recognizes the C-terminal region of human STAT2 and has been shown to be useful for Western blotting, immunoprecipitation, and immunohistochemistry.

Pathways: [JAK-STAT Signaling](#), [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

Format: Liquid

Buffer: phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % gelatin.

Preservative: Sodium azide

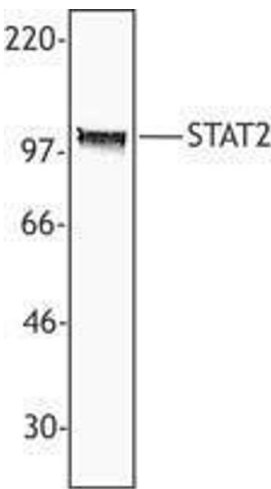
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Western Blotting

Image 1.