

Datasheet for ABIN6938459 **anti-STAT2 antibody**

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Overview

Quantity:	100 µg
Target:	STAT2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human STAT2 protein
Clone:	STAT2-2650
Isotype:	IgG1 kappa
Specificity:	Membrane receptor signaling by various ligands, including interferons and growth hormones such as EGF, induces activation of JAK kinases which then leads to tyrosine phosphorylation of the various Stat transcription factors. Stat1 and Stat2 are induced by IFN- is activated by EGF, but not by IL-6. Highest expression of Stat4 is seen in testis and myeloid cells. IL-12 has been identified as an activator of Stat4. Stat5 has been shown to be activated by prolactin and by IL-3. Stat6 is involved in IL-4 activated signaling pathways.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	Homo sapiens interferon alpha induced transcriptional activator, interferon alpha induced transcriptional activator (ISGF3), P113, signal transducer and activator of transcription 2 113kD (STAT113), Signal transducer and activator of transcription 2 (STAT2),STAT2 Cellular localisation: Cell surface.
Molecular Weight:	113kDa
Gene ID:	6773, 530595
UniProt:	P52630
Pathways:	JAK-STAT Signaling , Hepatitis C , CXCR4-mediated Signaling Events

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Ramos and Jurkat cell lysates. HeLa cell extract. Human lung carcinoma tissue.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months