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anti-STAT5A antibody (AA 583-794)



Images

Publications



Overview

Quantity:	0.1 mg
Target:	STAT5A
Binding Specificity:	AA 583-794
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human STAT5A (AA: 583-794) expressed in E. coli.
Clone:	6D4
Isotype:	lgG1
Purification:	purified

Target Details

Target:	STAT5A
Alternative Name:	STAT5A (STAT5A Products)
Background:	Description: The protein encoded by this gene is a member of the STAT family of transcription

factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. , ,

of Immune Effector Process, CXCR4-mediated Signaling Events, Activated T Cell Proliferation

Aliases: MGF, STAT5

Molecular Weight:	90.6 kDa
Gene ID:	6776
HGNC:	6776
Pathways:	JAK-STAT Signaling, RTK Signaling, Response to Growth Hormone Stimulus, C21-Steroid Hormone Metabolic Process, Regulation of Leukocyte Mediated Immunity, Positive Regulation

Application Details

Application Notes:	ELISA: Propose dilution 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:50, FCM: 1:200 -	
	1:400	
Restrictions:	For Research Use only	

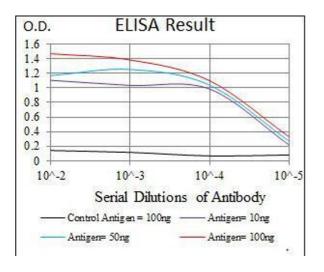
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Product cited in:

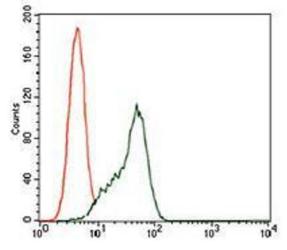
Martz, Guzman-Rodriguez, He, Noordhof, Hurlbut, Gloor, Carlucci, Weese, Allen-Vercoe, Sun, Claud, Petrof: "A human gut ecosystem protects against C. difficile disease by targeting TcdA." in: **Journal of gastroenterology**, (2016) (PubMed).

Images



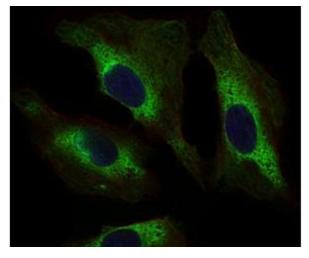
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of K562 cells using STAT5A mouse mAb (green) and negative control (red).



Immunofluorescence

Image 3. Immunofluorescence analysis of Hela cells using STAT5A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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	Please check the product details page for more images. Overall 7 images are available for ABIN1098129.