



STAM1 Monoclonal Antibody

Catalog No	BYmab-07678
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	STAM STAM1
Protein Name	Signal transducing adapter molecule 1 (STAM-1)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 156-206
Specificity	STAM1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	59kD
Cell Pathway	Cytoplasm . Early endosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Tissue Specificity	Ubiquitously expressed.
Function	function:Involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSF stimulation, it plays a role in signaling leading to DNA synthesis and c-myc induction. May also play a role in T-cell development. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with HGS (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes.,PTM:Phosphorylated on Tyr-198. Phosphorylation occurs in response to IL-2, IL-3, IL-4, IL-7, GM-CSF, EGF and PDGF.,similarity:Belongs to the STAM family.,similarity:Contains 1 ITAM domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 1 UIM

Nanjing BYabscience technology Co.,Ltd



(ubiquitin-interacting motif) repeat.,similarity:Contains 1 VHS domain.,subunit:Com

Background

This gene encodes a member of the signal-transducing adaptor molecule family. These proteins mediate downstream signaling of cytokine receptors and also play a role in ER to Golgi trafficking by interacting with the coat protein II complex. The encoded protein also associates with hepatocyte growth factor-regulated substrate to form the endosomal sorting complex required for transport-0 (ESCRT-0), which sorts ubiquitinated membrane proteins to the ESCRT-1 complex for lysosomal degradation. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658