



TRIM8 mouse mAb

Catalog No	YP-mAb-18277
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TRIM8 GERP RNF27
Immunogen	Synthesized peptide derived from human TRIM8
Specificity	This antibody detects endogenous levels of TRIM8 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RNF27;RING-type E3 ubiquitin transferase TRIM8;Glioblastoma-expressed RING finger protein;GERP;EC:2.3.2.27;TRIM8;TRIM8 GERP RNF27;Probable E3 ubiquitin-protein ligase TRIM8 (EC 6.3.2.-) (Glioblastoma-expressed RING finger protein) (RING finger protein 27) (Tripartite motif-containing protein 8)
Observed Band	61 kDa
Calculated Molecular Weight	61 kDa
Cell Pathway	Cytoplasm . Nucleus . Nucleo-cytoplasmic translocation is involved in regulation of NF-kappa-B. .
Tissue Specificity	Widely expressed.
Function	E3 ubiquitin-protein ligase that participates in multiple biological processes including cell survival, differentiation, apoptosis, and in particular, the innate immune response . Participates in the activation of interferon-gamma signaling by promoting proteasomal degradation of the repressor SOCS1 . Plays a positive role in the TNFalpha and IL-1beta signaling pathways. Mechanistically, induces the 'Lys-63'-linked polyubiquitination of MAP3K7/TAK1 component leading to the activation of NF-kappa-B . Modulates also STAT3 activity through negative regulation of PIAS3, either by degradation of PIAS3 through the ubiquitin-proteasome pathway or exclusion of PIAS3 from the nucleus .



Negatively regulates TLR3/4-mediated innate immune response by catalyzing 'Lys-6'- and 'Lys-33'-linked polyubiquitination of TICAM1 and thereby disrupting the TICAM1-TBK1 interaction .

Background

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