

ARG44758
anti-TRIM25 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes TRIM25
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	TRIM25
Species	Human
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.19; ZNF147; EFP; Ubiquitin/ISG15-conjugating enzyme TRIM25; Tripartite motif-containing protein 25; Z147; E3 ubiquitin/ISG15 ligase TRIM25; EC 6.3.2.n3; Zinc finger protein 147; Estrogen-responsive finger protein; RNF147; RING finger protein 147

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

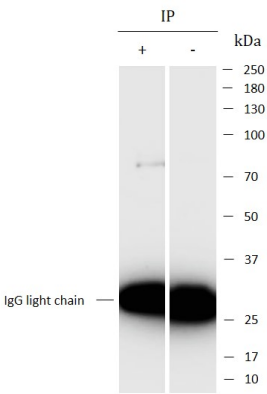
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TRIM25
Gene Full Name	tripartite motif containing 25

Background	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to the cytoplasm. The presence of potential DNA-binding and dimerization-transactivation domains suggests that this protein may act as a transcription factor, similar to several other members of the TRIM family. Expression of the gene is upregulated in response to estrogen, and it is thought to mediate estrogen actions in breast cancer as a primary response gene. [provided by RefSeq, Jul 2008]
Function	Negative feedback regulator that controls excessive innate immune responses. Regulates both Toll-like receptor 4 (TLR4) and DDX58/RIG1-like helicases (RLH) pathways. May inhibit the LTR pathway by direct interaction with TRAF6 and attenuation of NF-kappa-B activation. May negatively regulate the RLH pathway downstream from MAVS and upstream of NF-kappa-B and IRF3 (By similarity). [UniProt]
Calculated Mw	71 kDa
PTM	Auto-ISGylated. [UniProt]
Cellular Localization	Cytoplasm. Note=Colocalized with DDX58 at cytoplasmic perinuclear bodies. [UniProt]

Images



ARG44758 anti-TRIM25 antibody IP image

Immunoprecipitation: A549 lysate immunoprecipitated with 2.5 µg of ARG44758 anti-TRIM25 antibody.