

ARG63116 anti-TRIM antibody [TRIM-04]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [TRIM-04] recognizes TRIM
Tested Reactivity	Hu
Species Does Not React With	Ms
Tested Application	FACS, IP, WB
Specificity	The clone TRIM-04 reacts with T cell receptor-interacting molecule (TRIM), a 30 kDa adaptor protein expressed by T cells.
Host	Mouse
Clonality	Monoclonal
Clone	TRIM-04
Isotype	IgG2a
Target Name	TRIM
Species	Human
Immunogen	Recombinant intracellular domain (aa 29-186) of human TRIM.
Conjugation	Un-conjugated
Alternate Names	TRIM; TCRIM; pp29/30; T-cell receptor-associated transmembrane adapter 1; T-cell receptor-interacting molecule; HSPC062

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	FACS: Staining technique: Intracellular staining. WB: Under non-reducing condition. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

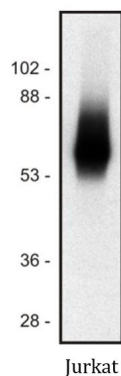
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
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

Database links	GeneID: 50852 Human Swiss-port # Q6PIZ9 Human
Gene Symbol	TRAT1
Gene Full Name	T cell receptor associated transmembrane adaptor 1
Background	TRIM (T cell receptor-interacting molecule), also known as TRAT1 (T cell receptor associated transmembrane adaptor 1) is a 30 kDa protein expressed by T cells as a cystein-linked homodimer. It associates with TCR-CD3-zeta-chain complex and becomes phosphorylated by Src-family kinases. TRIM is potentially involved in negative regulation of TCR-mediated signaling, but its role remains unclear.
Function	Stabilizes the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells. [UniProt]
Research Area	Immune System antibody; Signaling Transduction antibody
Calculated Mw	21 kDa
PTM	Phosphorylated on tyrosines by LCK or FYN upon TCR activation.

Images



ARG63116 anti-TRIM antibody [TRIM-04] WB image

Western blot: Jurkat cell lysate (1% lauryl maltoside) (non-reduced sample) stained with ARG63116 anti-TRIM antibody [TRIM-04].