

Product datasheet

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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

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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 <u>GeneID: 50852 Human</u>

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.

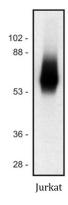
Function Stabilizes the TCR (T-cell antigen receptor)/CD3 complex at the surface of T-cells. [UniProt]

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].