

ARG53964 anti-TRIM antibody [TRIM-04] (PE)

Package: 50 µg
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [TRIM-04] recognizes TRIM
Tested Reactivity	Hu
Species Does Not React With	Ms
Tested Application	FACS
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	PE
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	1 - 5 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 Note	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Buffer	PBS, 15 mM Sodium azide and 0.2% (w/v) high-grade protease free BSA
Preservative	15 mM Sodium azide
Stabilizer	0.2% (w/v) high-grade protease free BSA
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

gently mixed before use.

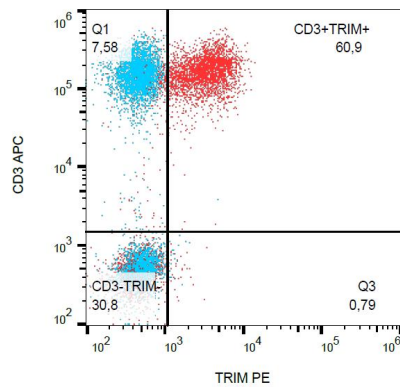
Note

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



ARG53964 anti-TRIM antibody [TRIM-04] (PE) FACS image

Flow Cytometry: Human peripheral blood stained with ARG53964 anti-TRIM antibody [TRIM-04] (PE) and anti-CD3 antibody (APC).