

## 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.

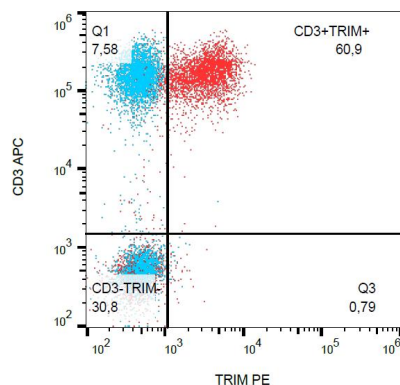
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 50852 Human</a> <a href="#">Swiss-port # Q6PIZ9 Human</a>
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).