

Datasheet for ABIN125716

anti-TRIM antibody (Intracellular) (PE)

7 Images

1 Publication

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Overview

Quantity:	0.1 mg
Target:	TRIM (TRAT1)
Binding Specificity:	AA 29-186, Intracellular
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRIM antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant intracellular domain (aa 29-186) of human TRIM.
Clone:	TRIM-04
Isotype:	IgG2a
Specificity:	The antibody TRIM-04 recognizes an intracellular epitope of T cell receptor-interacting molecule (TRIM), a 30 kDa adaptor protein expressed by T cells.
No Cross-Reactivity:	Mouse
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	TRIM (TRAT1)
Alternative Name:	TRIM (TRAT1 Products)
Background:	T cell receptor associated transmembrane adaptor 1,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.,TRAT, TCRIM
Gene ID:	50852
UniProt:	Q6PIZ9
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL. Intracellular staining.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Restrictions:	For Research Use only

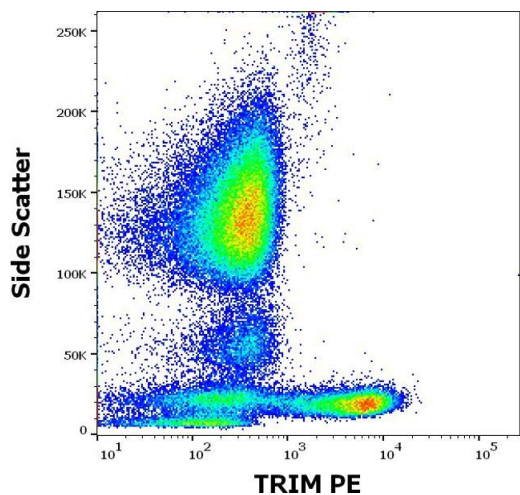
Handling

Concentration:	0.1 mg/mL
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze. Avoid prolonged exposure to light.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Publications

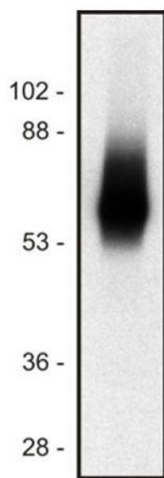
Product cited in: Kirchgessner, Dietrich, Scherer, Isomäki, Korinek, Hilgert, Bruyns, Leo, Cope, Schraven: "The transmembrane adaptor protein TRIM regulates T cell receptor (TCR) expression and TCR-mediated signaling via an association with the TCR zeta chain." in: **The Journal of experimental medicine**, Vol. 193, Issue 11, pp. 1269-84, (2001) ([PubMed](#)).

Images



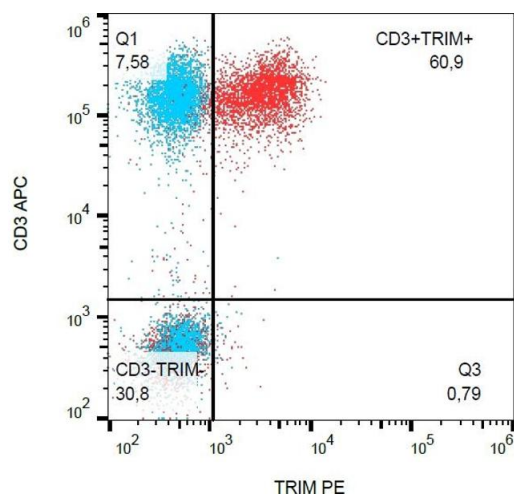
Flow Cytometry

Image 1. Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-TRIM (TRIM-04) PE antibody (concentration in sample 1 µg/mL).



Western Blotting

Image 2. Western blot of human Jurkat T cell line



Flow Cytometry

Image 3. Flow cytometry analysis (intracellular staining) of human peripheral blood with mAb TRIM-04 PE.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN125716.