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anti-TRIM antibody (Intracellular)





Publication



Go to Product page

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Quantity:	0.1 mg	
Target:	TRIM (TRAT1)	
Binding Specificity:	AA 29-186, Intracellular	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This TRIM antibody is un-conjugated	
Application:	wition: Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP)	

Product Details

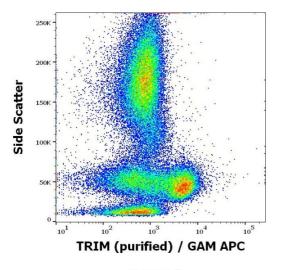
Immunogen:	Recombinant intracellular domain (aa 29-186) of human TRIM.	
Clone:	TRIM-04	
Isotype:	lgG2a	
Specificity:	The antibody TRIM-04 recognizes an intracellular epitope of T cell receptor-interacting molecule (TRIM), a 30 kDa adaptor protein expressed by T cells.	
No Cross-Reactivity:	Mouse	
Cross-Reactivity (Details):	Human	
Purification:	Purified by protein-A affinity chromatography.	
Purity:	> 95 % (by SDS-PAGE)	

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 3 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. Western blotting: Non-reducing conditions.	
Restrictions:	For Research Use only	
Handling		
Concentration:	1 mg/mL	
Buffer:	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.	
Storage:	4 °C	
Storage Comment:	Store at 2-8°C. 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

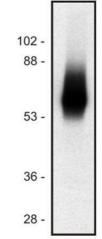


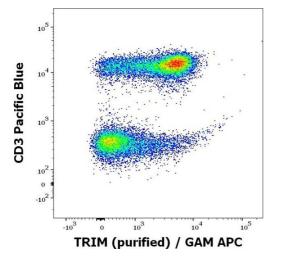
Flow Cytometry

Image 1. Flow cytometry intracellular staining pattern of human peripheral whole blood using anti-TRIM (TRIM-04) purified antibody (concentration in sample 1 μ g/mL, GAM APC).

Western Blotting

Image 2. Western blot of human Jurkat T cell line





Flow Cytometry

Image 3. Flow cytometry multicolor intracellular staining of human peripheral whole blood stained using anti-TRIM (TRIM-04) purified antibody (concentration in sample 1 μ g/mL, GAM APC) and anti-human CD3 (UCHT1) Pacific Blue antibody (20 μ L reagent / 100 μ L of peripheral whole blood).

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	Please check the product details page for more images. Overall 4 images are available for ABIN94489.