

Anti-TRIM Purified TRAT1 Monoclonal Antibody

Catalog Number: M11223

About TRAT1

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.

Overview

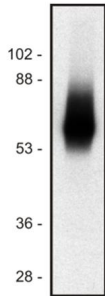
Product Name	Anti-TRIM Purified TRAT1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-TRIM Purified TRAT1 Monoclonal Antibody (Catalog# M11223). Tested in Flow Cytometry, IP, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal TRIM-04
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q6PIZ9

Technical Details

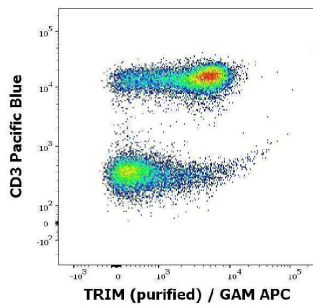
Immunogen	Recombinant intracellular domain (aa 29-186) of human TRIM. The antibody TRIM-04 recognizes an intracellular epitope of T cell receptor-interacting molecule (TRIM), a 30 kDa adaptor protein expressed by T cells.
Predicted Reactive Species	Primate
Cross Reactivity	As in case with other anti-CD170 antibodies, this antibody cross-reacts with Siglec-14, whose first two Ig domains are almost identical to those of CD170.
Isotype	Mouse IgG2a
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1-4 µg/ml, intracellular staining.

Western blotting: Non-reducing conditions.

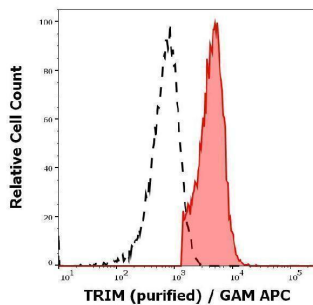
Anti-TRIM Purified TRAT1 Monoclonal Antibody (M11223) Images



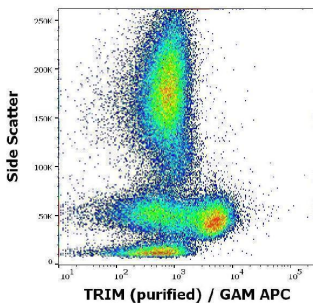
Western blotting analysis of human Jurkat T cell line lysate (1% laurylmaltoside); non-reduced sample, immunostained by mAb TRIM-04 and goat anti-mouse IgG (H+L)-HRP conjugate.



Flow cytometry multicolor intracellular staining of human peripheral whole blood stained using anti-TRIM (TRIM-04) purified antibody (concentration in sample 1 µg/ml, GAM APC) and anti-human CD3 (UCHT1) Pacific Blue™ antibody (20 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD3 positive TRIM positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (intracellular staining) of peripheral whole blood stained using anti-TRIM (TRIM-04) purified antibody (concentration in sample 1 µg/ml, GAM APC).



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

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-TRIM Purified TRAT1 Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.