

## Product datasheet for **TA354763**

### CD247 Mouse Monoclonal Antibody [Clone ID: ABM101]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	ABM101
Applications:	FC
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human T cells expressed CD3
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~21 kDa
Gene Name:	CD247 molecule
Database Link:	<a href="#">NP_000725</a> <a href="#">Entrez Gene 919 Human</a> <a href="#">P20963</a>
Background:	CD3 is a glycoprotein consisting of up to five polypeptide chains (gp20, gp26, p16, p20, p28). CD3 is required for proper assembly, trafficking and surface expression of TCR complex. CD3 is expressed by thymocytes in a developmentally regulated manner and by all mature T cells. CD3 is involved in T cell activation, proliferation and apoptosis pathway. This protein is present on virtually all peripheral blood T cells and thymocytes. This anti-CD3 antibody is commonly used as a phenotypic marker for human T cells.
Synonyms:	CD3-ZETA; CD3H; CD3Q; CD3Z; IMD25; T3Z; TCRZ

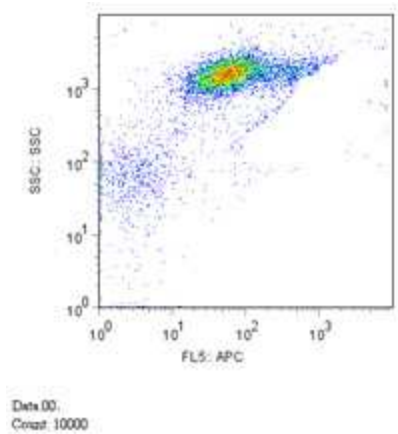


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway

### Product images:



FC: Human peripheral blood cells (total viable cell 4 number is  $1 \times 10^6$ ) were stained by 10 ug of Ms anti-CD3 at RT for 30 min followed by APC conjugated Goat anti-Mouse IgG.