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Product datasheet for TA302187

CD247 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human (Predicted: Pig)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This CD3Z antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-141 amino acids from the C-terminal region of human CD3Z.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18696 Da
Gene Name:	CD247 molecule
Database Link:	NP_932170 Entrez Gene 919 Human P20963
Background:	T-cell receptor zeta, together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response.
Synonyms:	CD3-ZETA; CD3H; CD3Q; CD3Z; IMD25; T3Z; TCRZ
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway

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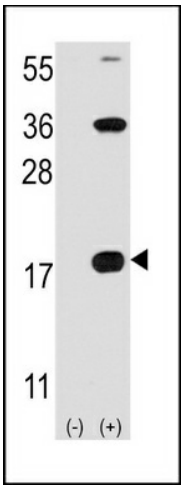
Product images:



Western blot analysis of CD3Z (arrow) using rabbit polyclonal CD3Z Antibody (C-term) (Cat.#1413b).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CD3Z gene (Lane 2) (Origene Technologies).

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