

## Product datasheet for **TA323572**

### CD247 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 50-164 amino acids of human CD247 molecule
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	CD247 molecule
Database Link:	<a href="#">NP_000725</a> <a href="#">Entrez Gene 12503 MouseEntrez Gene 25300 RatEntrez Gene 919 Human P20963</a>
Background:	The protein encoded by this gene is T-cell receptor zeta, which 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Synonyms:	CD3-ZETA; CD3H; CD3Q; CD3Z; IMD25; T3Z; TCRZ

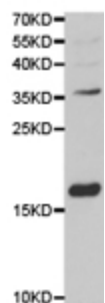


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**Protein Families:** Druggable Genome, Transmembrane

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

**Product images:**



Predicted band size: 16 kDa. Positive control: Jurkat cell lysate. Recommended dilution: 1/500-2000. (Gel: 12%SDS-PAGE Lysate: 40 ug Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)