

Product datasheet for **TA328059**

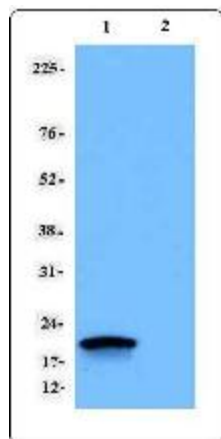
CD247 Mouse Monoclonal Antibody [Clone ID: 6B10.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6B10.2
Applications:	WB
Recommended Dilution:	WB, ICFC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Human TCR zeta chain aa38-54
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD247 molecule
Database Link:	NP_932170 Entrez Gene 919 Human P20963
Background:	The invariant TCR zeta chain is a member of the CD3 complex associated with the clonotypic alpha/beta TCR heterodimer. The disulfide-linked TCRzeta homodimers transmit signals following TCR ligation. Loss of TCR zeta expression has been reported in a diverse range of disease states, including autoimmune diseases, many neoplastic conditions and chronic infections, such as tuberculosis and leprosy.
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



[View online »](#)

Product images:

Jurkat (1) and Raji (2) cell extracts were resolved by electrophoresis, transferred to nitrocellulose and probed with purified anti-CD247 (TCR zeta, CD3 zeta) antibody. Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.