

Goat anti-CD3-ZETA / CD247 Antibody

Item Number	dAP-3199
Target Molecule	Principle Name: CD3-ZETA / CD247; Official Symbol: CD247; All Names and Symbols: CD247; CD247 molecule; CD3-ZETA; CD3H; CD3Q; CD3Z; T3Z; TCRZ; CD247 antigen, zeta subunit; CD3Z antigen, zeta polypeptide (TiT3 complex); CD3zeta chain; T-cell antigen receptor complex, zeta subunit of CD3; T-cell receptor T3 zeta chain; T-cell surface gl; Accession Number (s): NP_932170.1; NP_000725.1; Human Gene ID(s): 919; Non-Human GeneID(s):
Immunogen	KNPQEGLYNELQKD, is from internal region This antibody is expected to recognize both reported isoforms (NP_932170.1; NP_000725.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 16-17kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 18.6kDa according to NP_000725.1). Recommended concentration: 0.1-1µg/ml.
IHC	
Reference	Reference(s): Teruel M, McKinney C, Balsa A, Pascual-Salcedo D, Rodriguez-Rodriguez L, Ortiz AM, Gómez-Vaquero C, González-Gay MA, Smith M, Witte T, Merriman T, Lie BA, Martin J. Association of CD247 polymorphisms with rheumatoid arthritis: a replication study and a meta-analysis. PloS one 2013 8

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**