

Goat anti-CD96 Antibody

Item Number	dAP-3179
Target Molecule	Principle Name: CD96; Official Symbol: CD96; All Names and Symbols: CD96; CD96 molecule; TACTILE; CD96 antigen; T cell activation, increased late expression; T-cell surface protein tactile; cell surface antigen CD96; t cell-activated increased late expression protein; Accession Number (s): NP_937839.1; NP_005807.1; Human Gene ID(s): 10225; Non-Human GeneID(s):
Immunogen	KYTClQEPNESD, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_937839.1; NP_005807.1).
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave an approx 100+75kDa bands in Jurkat lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 65.6k
IHC	
Reference	Reference(s): Hosen N, Park CY, Tatsumi N, Oji Y, Sugiyama H, Gramatzki M, Krensky AM, Weissman IL. CD96 is a leukemic stem cell-specific marker in human acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America 2007 Jun 104 (26): 11008-13..PMID: 17576927->

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**