

Goat anti-CD28 Antibody

Item Number	dAP-2339
Target Molecule	Principle Name: CD28; Official Symbol: CD28; All Names and Symbols: CD28; CD28 molecule; MGC138290; Tp44; CD28 antigen; CD28 antigen (Tp44); T-cell-specific surface glycoprotein; Accession Number (s): NP_006130.1; Human Gene ID(s): 940; Non-Human GeneID(s):
Immunogen	SQQLQVYSKTGFNCD, is from internal region The immunizing peptide corresponds to a part of the extracellular domain.
Applications	Pep ELISA, WB, IHC 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 64000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Lymph Node and Tonsil lysates (calculated MW of 25.1kDa according to NP_006130.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml. Primary incubation
IHC	Immunohistochemistry: In paraffin embedded Human Lymph Node shows membrane staining in the paracortex. Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Guzman VB, Yambartsev A, Goncalves-Primo A, Silva ID, Carvalho CR, Ribalta JC, Goulart LR, Shulzhenko N, Gerbase-Delima M, Morgan A, New approach reveals CD28 and IFNG gene interaction in the susceptibility to cervical cancer. Human molecular genetics 2008 Jun 17 (12): 1838-44.. PMID:

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 end users! This product is sold for **Research Use Only**