



Goat anti-CD2BP2 (N Terminus) Antibody

Item Number	dAP-0652
Target Molecule	Principle Name: CD2BP2 (N Terminus); Official Symbol: CD2BP2; All Names and Symbols: CD2BP2; FWP010; LIN1; Snu40; CD2 antigen (cytoplasmic tail) binding protein 2; CD2 (cytoplasmic tail) binding protein 2; CD2 antigen (cytoplasmic tail)-binding protein 2; U5-52K; CD2 binding protein 2; CD2 cytoplasmic domain binding protein 2; U5 snRNP 52; Accession Number (s): NP_006101.1; Human Gene ID(s): 10421; Non-Human GeneID(s):
Immunogen	PKRKVTFQGVGDE, is from N Terminus
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 32000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Lymph Node, Thymus and Tonsil lysates (calculated MW of 37.6kDa according to NP_006101.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Nishizawa)
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows nucleolar staining in select splenocytes. Recommended concentration: 5-10µg/ml.
Reference	Reference(s): Nishizawa K, Freund C, Li J, Wagner G, Reinherz EL. Identification of a proline-binding motif regulating CD2-triggered T lymphocyte activation Proc Natl Acad Sci U S A. 1998 Dec 8;95(25):14897-902..PMID: 9843987->

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**