

Goat anti-CLEC4C / BDCA2 Antibody

Item Number	dAP-1807
Target Molecule	Principle Name: CLEC4C / BDCA2; Official Symbol: CLEC4C; All Names and Symbols: CLEC4C; C-type lectin domain family 4, member C; BDCA2; CD303; CLECSF11; CLECSF7; DLEC; HECL; MGC125789; MGC125791; MGC125792; MGC125793; PRO34150; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 11; C-type (calcium ; Accession Number (s): NP_569708.1; NP_987099.1; Human Gene ID(s): 170482; Non-Human GeneID(s):
Immunogen	QSWTKSQKNCSV, is from Internal region This antibody is expected to recognize isoform 1 and 2 (NP_569708.1; NP_987099.1).
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 8000.
Western Blot	Western Blot: Approx 20kDa band observed in Human Spleen lysates (calculated MW of 21.5kDa according to NP_987099.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Wu P, Wu J, Liu S, Han X, Lu J, Shi Y, Wang J, Lu L, Cao X. TLR9/TLR7-triggered downregulation of BDCA2 expression on human plasmacytoid dendritic cells from healthy individuals and lupus patients. Clin Immunol. 2008 Oct;129(1):40-8. Epub 2008 Aug 5.. PMID: 18684674->

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**