

## Goat anti-CLEC2 / CLEC1B Antibody

**Item Number** dAP-1443

**Target Molecule** Principle Name: CLEC2 / CLEC1B; Official Symbol: CLEC1B ; All Names and Symbols: CLEC1B ; CLEC2; C-type lectin domain family 1, member B ; 1810061I13Rik; CLEC2B; PRO1384; QDED721; C-type lectin-like receptor-2; Accession Number (s): NP\_001092901.1; NP\_057593.3; Human Gene ID(s): 51266; Non-Human GenID(s):

**Immunogen** KGHKCSPCDTNWRY, is from internal region  
This antibody is expected to recognize both reported isoforms (NP\_001092901.1; NP\_057593.3)

**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 1000.

**Western Blot** Western Blot: Approx 28kDa band observed in human bone marrow and human kidney lysates (calculated MW of 26.6kDa according to NP\_001092901.1). Recommended concentration: 1-3µg/ml.

**IHC**

**Reference** Reference(s): Suzuki-Inoue K, Kato Y, Inoue O, Kaneko MK, Mishima K, Yatomi Y, Yamazaki Y, Narimatsu H, Ozaki Y. Involvement of the snake toxin receptor CLEC-2, in podoplanin-mediated platelet activation, by cancer cells. *J Biol Chem.* 2007 Sep 7;282(36):25993-6001. Epub 2007 Jul 6..PMID: 17616532 ->

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**