

Goat anti-LIGHT / CD258 Antibody

Item Number	dAP-1905
Target Molecule	Principle Name: LIGHT / CD258; Official Symbol: TNFSF14; All Names and Symbols: TNFSF14; tumor necrosis factor (ligand) superfamily, member 14; CD258; HVEM; LIGHT; LTg; TR2; delta transmembrane LIGHT; herpesvirus entry mediator A; ligand for herpesvirus entry mediator; tumor necrosis factor ligand superfamily, member 14; tumor necro; Accession Number (s): NP_003798.2; NP_742011.1; Human Gene ID(s): 8740; Non-Human GenelD(s):
Immunogen	HEVNPAAHLTGANS, is from internal region This antibody is expected to recognize both reported isoforms (NP_003798.2; NP_742011.1).
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 64000.
Western Blot	Western Blot: Approx 22kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 22.4kDa according to NP_742011.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cohavy O, Zhou J, Ware CF, Targan SR LIGHT is constitutively expressed on T and NK cells in the human gut and can be induced by CD2-mediated signaling. J. Immunol. 2005 Jan 174 (2): 646-53. PMID: 15634882->

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**