

Goat anti-BTLA Antibody

Item Number	dAP-1683
Target Molecule	Principle Name: BTLA; Official Symbol: BTLA; All Names and Symbols: BTLA; B and T lymphocyte associated; BTLA1; CD272; FLJ16065; MGC129743; B and T lymphocyte attenuator; Accession Number (s): NP_861445.3; NP_001078826.1; Human Gene ID(s): 151888; Non-Human GeneID(s): 208154 (mouse) 407756 (rat)
Immunogen	KEAPTEYASICVRS, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_861445.3; NP_001078826.1).
Applications	Pep ELISA, WB Species Tested: Mouse
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 4000.
Western Blot	Western Blot: Approx. 35kDa band observed in Mouse Spleen lysates (calculated MW of 32.8kDa according to Human NP_861445.3 and of 34.2kDa according to Mouse NP_001032808.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Lasaro MO, Tatsis N, Hensley SE, Whitbeck JC, Lin SW, Rux JJ, Wherry EJ, Cohen GH, Eisenberg RJ, Ertl HC. Targeting of antigen to the herpesvirus entry mediator augments primary adaptive immune responses. Nat Med. 2008 Feb;14(2):205-12. Epub 2008 Jan 13..PMID: 18193057->

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**