

Rabbit anti-Human BTLA/CD272 Polyclonal Antibody | anti-BTLA antibody

BTLA/CD272 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163196	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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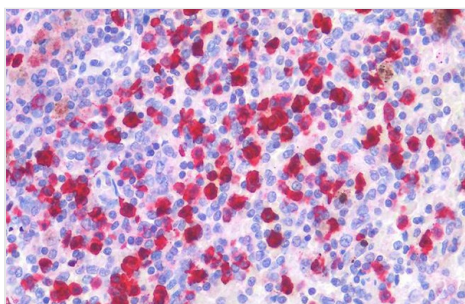
PRODUCT SYNONYMS

BTLA/CD272; Polyclonal Antibody; BTLA/CD272 Rabbit anti-Human Polyclonal Antibody; PathPlus BTLA/CD272 Antibody; BTLA; BTLA1; B and T lymphocyte associated; CD272; B and T lymphocyte attenuator; B- and T-lymphocyte attenuator; CD272 antigen; anti-BTLA antibody

PRODUCT SPECIFICATIONS

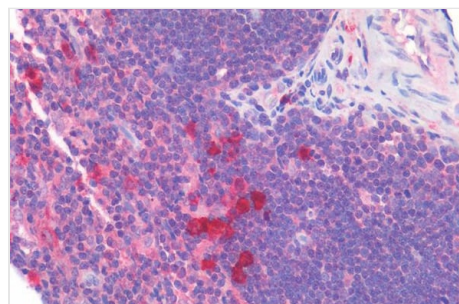
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	0.6mg/ml (varies by lot)
Applicable Applications for anti-BTLA antibody	IHC (Immunohistochemistry)
Target	Human BTLA/CD272
Immunogen	LP-12250, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



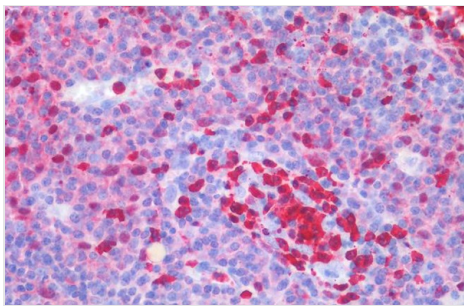
IHC (Immunohistochemistry)

BTLA/CD272 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

BTLA/CD272 Antibody-Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
BTLA/CD272 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-BTLA antibody	CD272 antibody is an unconjugated rabbit polyclonal antibody to CD272 (BTLA) from human. Validated for IHC. B- and T-lymphocyte attenuator (BTLA, CD272) is a transmembrane protein member of the immunoglobulin superfamily, with structural and functional similarities to cytotoxic T-lymphocyte associated protein 4 (CTLA4) and programmed cell death protein 1 (PD1). It is an inhibitory receptor that is involved in downregulation of the immune response. Polymorphisms in the gene may be associated with susceptibility to autoimmune diseases (eg, rheumatoid arthritis), systemic lupus erythematosus, type 1 diabetes mellitus, and cancer. BTLA is expressed in most lymphocytes (high expression in lymph nodes and spleen) and during activation of T cells, remaining expressed on T helper type 1 (Th1) but not Th2 cells.
References	Nat Immunol. 2003;4(7):670-679. doi: 10.1038/ni944; Arch Immunol Ther Exp (Warsz). 2015;63(1):73-78. doi: 10.1007/s00005-014-0300-3; Clin Dev Immunol. 2011;2011:305656. doi: 10.1155/2011/305656; Int J Immunogenet. 2009;36(1):65-68. doi: 10.1111/j.1744-313X.2008.00809.x; Breast Cancer Res Treat. 2010;120(1):195-202. doi: 10.1007/s10549-009-0462-6.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	151888
UniProt Accession #	Q7Z6A9
UniProt Protein Name	B- and T-lymphocyte attenuator
UniProt Gene Name	BTLA
UniProt Entry Name	BTLA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/btla-cd272-antibody-immunohistochemistry-elisa/163196>