

CD272 Polyclonal Antibody

Catalog # AP74114

Product Information

Application	IHC-P
Primary Accession	Q7Z6A9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32834

Additional Information

Gene ID	151888
Other Names	B- and T-lymphocyte attenuator (B- and T-lymphocyte-associated protein) (CD antigen CD272)
Dilution	IHC-P~~IHC-p 1:50-200, ELISA 1:10000-20000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

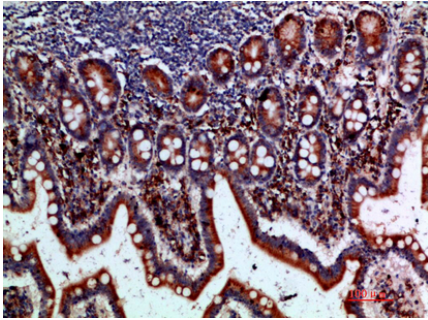
Name	BTLA {ECO:0000303 PubMed:12796776, ECO:0000312 HGNC:HGNC:21087}
Function	Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed: 12796776 , PubMed: 14652006 , PubMed: 15568026 , PubMed: 18193050). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed: 19915044). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed: 19915044).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Background

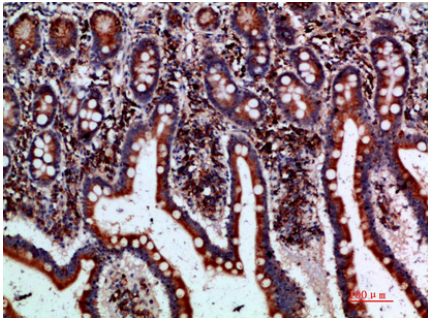
Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed:[12796776](#), PubMed:[14652006](#), PubMed:[15568026](#), PubMed:[18193050](#)). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed:[19915044](#)). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to

maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed:[19915044](#)).

Images



Immunohistochemical analysis of paraffin-embedded human-small-intestine, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-small-intestine, antibody was diluted at 1:200

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.