

CD272 Rabbit mAb
Catalog # AP75219**Specification**

CD272 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	Q7TSA3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	34337

CD272 Rabbit mAb - Additional Information**Gene ID** 208154**Other Names**

Btla

Dilution

WB~~1/500-1/1000

IHC-P~~N/A

IP~~1/20

Format

Liquid

CD272 Rabbit mAb - Protein Information**Name** Btla {ECO:0000303|PubMed:12796776, ECO:0000312|MGI:MGI:2658978}**Function**

Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed:12796776, PubMed:14652006). 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

Tissue Location

Expressed in splenic T- and B-cells as well as lymph node tissues but very weakly in somatic tissues. Also expressed in macrophages, NK cells and dendritic cells. A polymorphic tissue

distribution between several strains is seen

CD272 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD272 Rabbit mAb - Images



