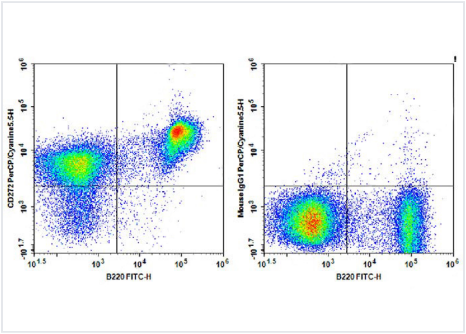
CD272 Antibody – Mouse

PRODUCT OVERVIEW

Product Name	CD272, Antibody
Full Product Name	PerCP/Cyanine5.5 Anti-Mouse CD272 Antibody [6F7]
Product Gene Name	anti-CD272 antibody
Product Synonym Names	BTLA; B and T lymphocyte attenuator
Isotype	IgG1, kappa
Clone Number	6F7
Host	Mouse
Species Reactivity	Mouse
Preparation and Storage	This product can be stored at 2-8 degree C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Matching Pairs	Antibody: CD272 Clone #6F7 (MBS2584783) Isotype Control: IgG1, kappa Clone #MOPC-21 (MBS2557738)
Molecular Weight	34,337 Da
3D Structure	ModBase 3D Structure for Q7TSA3
Conjugation	PerCP/Cyanine 5.5
Product Categories/Family for anti-CD272 antibody	Antibodies and Reagents; Primary Antibodies; Flow Cytometry Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CD272 antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD272 antibody	MBS2584783 is an antibody targeting CD272. Also known as PerCP/Cyanine5.5 Anti-Mouse CD272 Antibody [6F7]. Reactive in Mouse. Host: Mouse.
Other Notes	Small volumes of anti-CD272 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Flow Cytometry (FC/FACS) of anti-CD272 antibody
Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse B220 Antibody and PerCP/Cyanine5.5 Anti-Mouse CD272 Antibody[6F7] (left) or PerCP/Cyanine5.5 Mouse IgG1, ? Isotype Control (right). Total viable cells were used for analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD272. It may not necessarily be applicable to this product.

NCBI GI #	208154
NCBI GeneID	208154
NCBI Accession #	NP_001032808.2
UniProt Primary Accession #	Q7TSA3
UniProt Related Accession #	Q7TSA3
GenBank Nucleotide #	NM_001037719.2
NCBI Official Full Name	B- and T-lymphocyte attenuator isoform 1
NCBI Official Synonym Full Names	B and T lymphocyte associated
NCBI Official Symbol	Btla
NCBI Official Synonym Symbols	A630002H24
UniProt Protein Name	B- and T-lymphocyte attenuator
UniProt Synonym Protein Names	B- and T-lymphocyte-associated protein; CD_antigen: CD272
Protein Family	B- and T-lymphocyte attenuator
UniProt Gene Name	Btla
UniProt Entry Name	BTLA_MOUSE
NCBI Protein Information	B- and T-lymphocyte attenuator; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein
UniProt Comments for CD272	BTLA: Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Cellular Component: membrane; integral to plasma membrane; integral to membrane; external side of plasma membrane Molecular Function: protein binding; receptor activity Biological Process: cell surface receptor linked signal transduction; negative regulation of T cell proliferation; immune system process; negative regulation of alpha-beta T cell proliferation; immune response-regulating cell surface receptor signaling pathway; negative regulation of B cell proliferation
Research Articles on CD272	**1.** by coordinating expression of BTLA, RORgammat and IL-7 balance suppressive and activation stimuli to regulate gammadelta T cell homeostasis and inflammatory responses
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/mouse-antibody/cd272/2584783