

Datasheet for ABIN7505891

**anti-BTLA antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	BTLA
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BTLA antibody is un-conjugated
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Hu CD272 Purified
Immunogen:	cells transfected with human CD272
Clone:	MIH26
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody MIH26 recognizes an extracellular epitope of CD272, a transmembrane glycoprotein serving as a negative regulator of the activation in various leukocyte types.
Purification:	Purified by protein-A affinity chromatography.

## Target Details

Target:	BTLA
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## Target Details

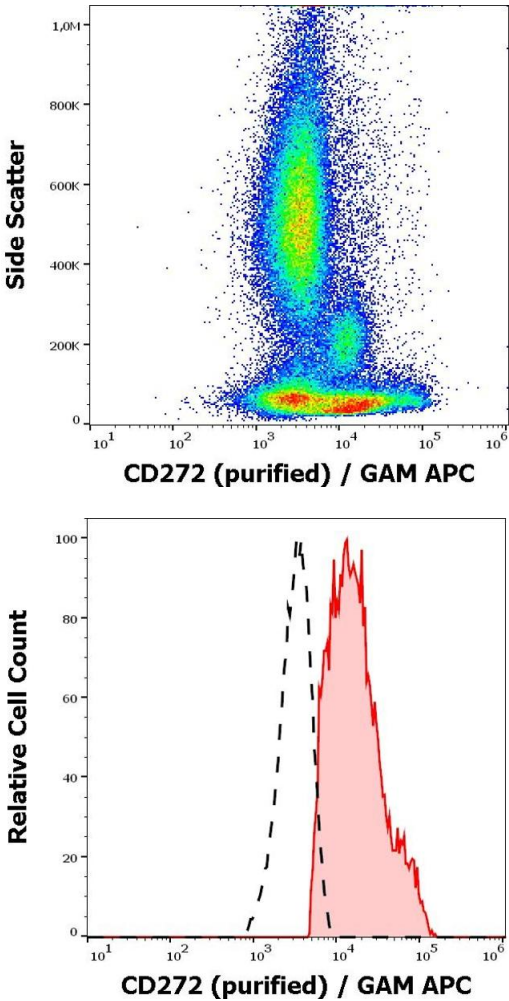
Alternative Name:	CD272 ( <a href="#">BTLA Products</a> )
Background:	B and T lymphocyte associated,CD272, a type I transmembrane glycoprotein, contains in its intracellular domain two ITIM sequences, which are upon CD272 triggering phosphorylated and recruit SHP phosphatases to attenuate cell activation. CD272 is expressed on B and T lymphocytes, NK cells, dendritic cells, and macrophages, and its ligand is CD270. Defects in CD272-CD270 inhibitory mechanism lead to autoimmune diseases. Overexpression of CD272 is a marker of tolerant T cells.,BTLA1
Gene ID:	151888
UniProt:	<a href="#">Q7Z6A9</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 2-5 µg/mL.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD272 (MIH26) purified antibody (concentration in sample 1,7  $\mu$ g/mL, GAM APC).

### Flow Cytometry

**Image 2.** Separation of human CD272 positive lymphocytes (red-filled) from human neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human CD272 (MIH26) purified antibody (concentration in sample 1,7  $\mu$ g/mL, GAM APC).