

30-2811: Anti-Hu CD272 Purified

Clonality :	Monoclonal
Clone Name :	MIH26
Application :	FACS
Reactivity :	Human, Non-human primates
Gene :	BTLA
Gene ID :	151888
Uniprot ID :	Q7Z6A9
Format :	Purified
Alternative Name :	B and T lymphocyte associated BTLA1
Immunogen Information :	cells transfected with human CD272

Description

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.

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 2-5 μ g/ml.