

### 30-2811: Anti-Hu CD272 Purified

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

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

#### Application Note

Flow cytometry: Recommended dilution: 2-5  $\mu$ g/ml.