

# Anti-Mouse CD272 Antibody [PK18.6] -Low Endotoxin Purified

AGEL2159

## Description

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This Anti-Mouse CD272 Antibody [PK18.6] -Low Endotoxin Purified is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGEL2159
<b>Contents:</b>	100µg, 25µg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	PK18.6
<b>Synonyms:</b>	A630002H, A630002H24, B- and T-lymphocyte attenuator, B- and T-lymphocyte-associated protein, CD272, Btla, HVEM, HVEA, TR2, TNFRSF14, ATAR
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Mouse
<b>Immunogen:</b>	Recombinant Mouse CD272 protein

## Antibody Data

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<b>Uniprot ID:</b>	-
<b>Gene ID:</b>	-
<b>Swissprot:</b>	Q7TSA3
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG1, κ

<b>Isotype Control:</b>	-
<b>Conjugation:</b>	-
<b>Conjugation Information:</b>	-
<b>Buffer:</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.
<b>Purification:</b>	-
<b>Target:</b>	CD272
<b>Cellular Localization:</b>	Cell membrane
<b>Tissue Specificity:</b>	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.
<b>Verified Samples:</b>	Verified Samples in FCM: C57/BL6 Mouse splenocytes
<b>Concentration:</b>	≥ 1 mg/mL

## Preparation & Storage

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**Storage:** Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

**Shipping:** Ice bag

**Recommended Dilution:** FCM 2 µg/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

**Recommended Usage:**

Application	Recommended Usage
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**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.