

CD272(BTLA)

产品信息

产品名称	产品货号	产品规格
CD272 (BTLA)	ORS7235PAb	50 μ l/100 μ l/1ml

产品简介

B and T lymphocyte attenuator (BTLA) is an Ig superfamily coinhibitory receptor with structural similarity to programmed cell death 1 (PD-1) and CTLA-4. BTLA is expressed on B cells, T cells, macrophages, dendritic cells, NKT cells, and NK cells. Engagement of BTLA by its ligand Herpes Virus Entry Mediator (HVEM) is critical for negatively regulating immune response. The absence of BTLA with HVEM inhibitory interactions leads to increased experimental autoimmune encephalomyelitis severity, enhanced rejection of partially mismatched allografts, an increased CD8⁺ memory T cell population, increased severity of colitis, and reduced effectiveness of T regulatory cells. BTLA plays an important role in the induction of peripheral tolerance of both CD4⁺ and CD8⁺ T cells in vivo. Tolerant T cells have significant up-regulated expression of BTLA compared with effector and naïve T cells. BTLA may cooperate with CTLA-4 and PD-1 to control T cell tolerance and autoimmunity. It has been reported that BTLA may regulate T cell function through binding to B7-H4.

产品性质

Alias: BTLA, B and T lymphocyte attenuator

Clonality: Recombinant Mouse Monoclonal Antibody

Antibody Type: Primary antibody

Swissprot: Q7Z6A9

Clone: 2H5

Entrez GeneID: 151888

Host\Isotype: Mouse IgG2a

Reactivity: Human

Purification: affinity purified by Protein G

Applications: FCM=1/100-1/200

Immunogen: -

Formulation: Purified antibody in PBS with 0.05% sodium azide.

Traits: liquid

Concentration: -



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Storage: Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze/thaw cycles.

注意事项:

1. This product is for scientific research purposes only.
2. Avoid repeated freeze-thaw cycles.
3. For your safety and health, please wear a lab coat and disposable gloves



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