

CD272 (W153) polyclonal antibody

Catalog: BS9212

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

B and T lymphocyte attenuator (BTLA, CD272) is an immunoglobulin domain-containing glycoprotein whose expression is induced during T cell activation. BTLA is similar to CTLA-4 and PD-1, all of which are co-inhibitory receptors belonging to the CD28 family. However, unlike CTLA-4 and PD-1, BTLA does not interact with B7-Ig family counter receptors. Rather, the herpesvirus entry mediator (HVEM), a TNF receptor, acts as a molecular switch that modulates T cell activation by propagating inhibitory signals through BTLA. The BTLA-HVEM interaction is conserved between mouse and human, suggesting that this system is an important pathway regulating lymphocyte activation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 33 kDa

Swiss-Prot:

Q7Z6A9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

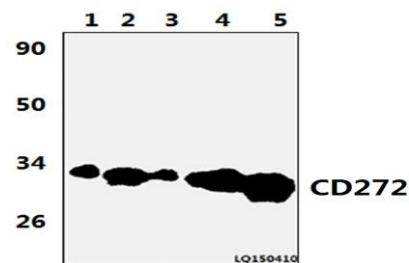
Storage&Stability:

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

Specificity:

CD272 (W153) polyclonal antibody detects endogenous levels of CD272 protein.

DATA:



Western blot (WB) analysis of CD272 polyclonal antibody at 1:1000 dilution

Lane1: THP-1 whole cell lysate (37ug)

Lane2: The Spleen tissue lysate of Rat (32ug) Lane3: The Spleen tissue lysate of Mouse (36ug) Lane4: The peripheral blood cell lysate of Rat (36ug) Lane5: The peripheral blood cell lysate of Mouse (36ug)

Note:

For research use only, not for use in diagnostic procedure.

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