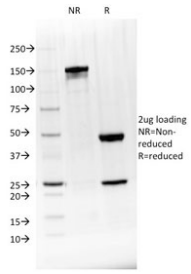
BTLA Antibody / CD272 [clone BTLA/1528] (V7708)

Catalog No.	Formulation	Size
V7708-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7708-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7708SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	BTLA/1528
Purity	Protein G affinity chromatography
UniProt	Q7Z6A9
Applications	ELISA (order BSA-free format for coating)
Limitations	This BTLA antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free BTLA antibody (clone BTLA/1528) as confirmation of integrity and purity.

Description

B and T lymphocyte attenuator (BTLA) 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 coinhibitory 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 BTLAHVEM interaction is conserved between Mouse and human, suggesting that this system is an important pathway regulating lymphocyte activation.

Application Notes

Optimal dilution of the BTLA antibody should be determined by the researcher.

Immunogen

Recombinant extracellular human CD272/BTLA protein was used as the immunogen for this BTLA antibody.

Storage

Store the BTLA antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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