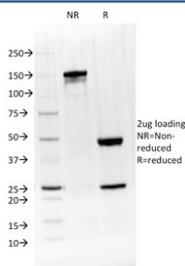


## BTLA Antibody / CD272 [clone BTLA/1528] (V7708)

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

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	BTLA/1528
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q7Z6A9
<b>Applications</b>	ELISA (order BSA-free Format For Coating) :
<b>Limitations</b>	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 BTLA/HVEM 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).