



Datasheet for ABIN6939222  
**anti-BTLA antibody**



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1 Image

Overview

Quantity:	100 µg
Target:	BTLA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human BTLA protein
Clone:	BTLA-1528
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

Target Details

Target:	BTLA
Alternative Name:	BTLA ( <a href="#">BTLA Products</a> )
Background:	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

## Target Details

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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.

Molecular Weight: 33kDa

Gene ID: 151888

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: Positive Control: Human lymph node or MDAMB468 xenograft.  
Known Application: ELISA (For coating, order antibody without BSA), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

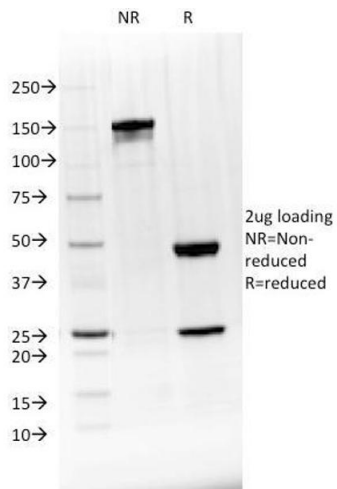
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified BTLA Mouse Monoclonal Antibody (BTLA/1528). Confirmation of Integrity and Purity of Antibody.