# BTLA Antibody

Mouse Monoclonal Antibody [Clone BTLA/1528]

| Catalog No | Format | Size |
|---|---|---|
| 151888-MSM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 151888-MSM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 151888-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

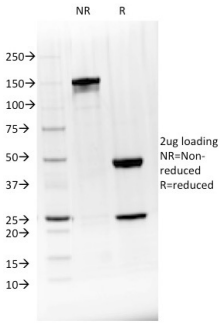
| Applications | Tested Dillution | Note |
|---|---|---|

## Product Details

| | |
|---|---|
| **Clone** | BTLA/1528 |
| **Gene Name** | BTLA |
| **Immunogen** | Recombinant full-length human BTLA protein |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG2b / Kappa |
| **Mol. Weight of Antigen** | 33kDa |
| **Cellular Localization** | Cell membrane |
| **Species Reactivity** | Human |
| **Positive Control** | Human lymph node or MDAMB468 xenograft. |

**Optimal dilution for a specific application should be determined.*

## Product Images for BTLA Antibody




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

### Specificity & Comments

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.

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

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.

### Research Areas

Immunology, B Cell Markers, Dendritic Cell Marker, Immune checkpoint

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.