

For Research Use Only

CD8b Recombinant antibody

Catalog Number: 86024-1-RR



Basic Information

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| Catalog Number: 86024-1-RR | GenBank Accession Number: NM_009858.2 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 12526 | CloneNo.: 250480F2 |
| Source: Rabbit | UNIPROT ID: P10300 | Recommended Dilutions: WB: 1:2000-1:10000 |
| Isotype: IgG | Full Name: CD8 antigen, beta chain 1 | |
| Immunogen Catalog Number: EG4275 | Calculated MW: 24 kDa | |
| | Observed MW: 26-30 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse thymus tissue, mouse spleen tissue |
| Species Specificity: mouse | |

Background Information

CD8b (T-cell surface glycoprotein CD8 beta chain) is an integral membrane glycoprotein that forms disulfide-linked heterodimers with CD8a (CD8 alpha chain). The CD8 alpha/beta heterodimer is the predominant CD8 complex expressed on the cell surface (PMID: 1534146; 2111591). CD8 is a transmembrane glycoprotein predominantly expressed on cytotoxic T cells and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells.

Storage

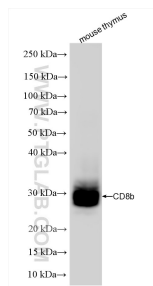
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Mouse thymus tissue was subjected to SDS PAGE followed by western blot with 86024-1-RR (CD8 beta antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.