

For Research Use Only

CD8b Recombinant antibody

Catalog Number: 86024-1-RR



Basic Information

Catalog Number:	86024-1-RR	GenBank Accession Number:	NM_009858.2	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (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

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

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

For technical support and original validation data for this product please contact:

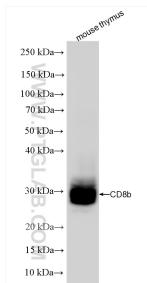
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.