

36-3819: Anti-CD8b, Mouse Monoclonal Antibody(Clone: H35-17.2)

Clonality :	Monoclonal
Clone Name :	H35-17.2
Application :	Functional Assay,FACS,IF
Reactivity :	Mouse
Gene :	Cd8b1 (Mouse)
Gene ID :	12526
Uniprot ID :	P10300
Alternative Name :	CD8b antigen; CD8 antigen beta polypeptide 1 (p37); CD8 beta; CD8B1; Leu2; Ly3; LYT3; P37; T lymphocyte surface glycoprotein beta chain; T-cell surface glycoprotein CD8 beta chain
Isotype :	Rat IgG2b, kappa
Immunogen Information :	Five day mixed leukocyte culture population, C57BL/6 anti-BALB/c

Description

This monoclonal antibody reacts with the Mouse CD8 beta molecule. The CD8 beta chain associates with the CD8 alpha chain to form the CD8 alpha/beta heterodimer expressed on the surface of a majority of thymocytes, and on peripheral cytotoxic alpha beta TCR T cells. This monoclonal antibody identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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 condition :	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.

Application Note

Functional Studies (Order Antibody without BSA & Azide); Flow Cytometry (0.5-1ug/million cells in 0.1ml); Immunofluorescence (1-2ug/ml);

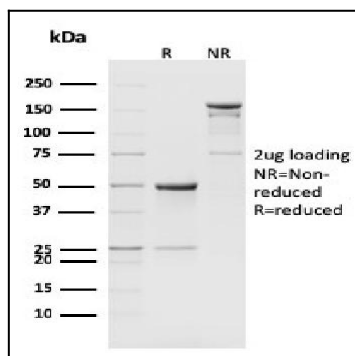


Fig. 1: SDS-PAGE Analysis Purified CD8b Rat Monoclonal Antibody (H35-17.2). Confirmation of Integrity and Purity of Antibody.