

Datasheet for ABIN7013936
anti-CD8B antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CD8B
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD8B antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Anti-Ms CD8b Purified
Immunogen:	Mouse CD8b
Clone:	H35-17-2
Isotype:	IgG2b kappa
Specificity:	The rat monoclonal antibody H35-17.2 recognizes an extracellular epitope of mouse CD8b, the 32-34 kDa beta chain of the CD8 coreceptor, expressed on cytotoxic T cells and thymocytes.
Purification:	Purified by protein-G affinity chromatography.

Target Details

Target:	CD8B
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Target Details

Alternative Name: CD8b ([CD8B Products](#))

Background: The CD8b (CD8 beta) subunit of CD8 T cell coreceptor is expressed in CD8 alpha/beta heterodimers on majority of MHC I-restricted conventional T cells and thymocytes and in CD8 alpha/alpha homodimers on subsets of memory T cells, intraepithelial lymphocytes, NK cells, macrophages, mast cells, and dendritic cells. Regulation of CD8 beta level on T cell surface seems to be an important mechanism to control their effector function. Assembly of CD8 alpha/beta but not alpha/alpha dimers is connected with formation or localization to the lipid rafts. Recruiting triggered TCR complexes to these membrane microdomains as well as affinity of TCR to MHC I is modulated by CD8, thereby affecting the functional diversity of the TCR signaling. Ly-3, Ly-C, Lyt-3

UniProt: [P10300](#)

Pathways: [TCR Signaling](#)

Application Details

Application Notes: Flow cytometry: Recommended dilution: 1-4 µg/mL.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

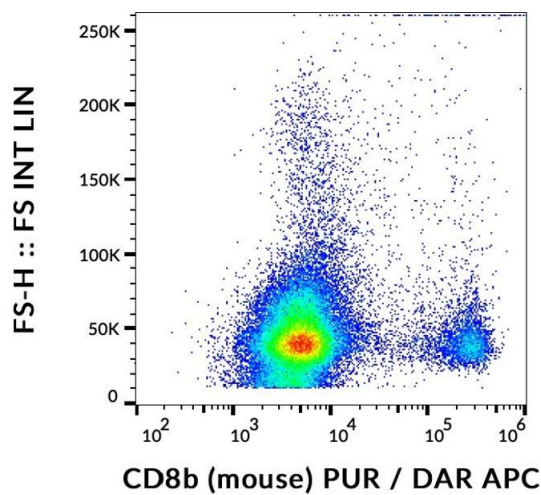
Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

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

Storage Comment: Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry analysis (surface staining) of murine splenocytes using anti-CD8b (H35-17.2) purified, DAR-APC.