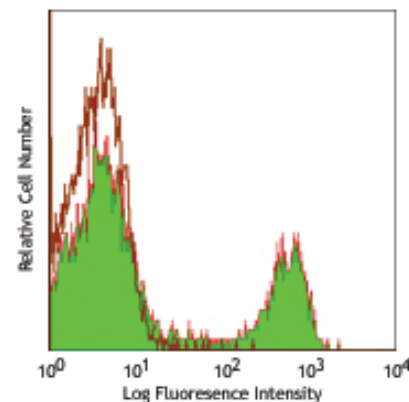


Purified anti-rat CD8b

Catalog # / Size: 200702 / 500 µg
Clone: 341
Isotype: Mouse IgG1, κ
Immunogen: CD8⁺ Wistar rat splenic T cell hybridomas
Reactivity: Rat
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml
Storage: The antibody solution should be stored undiluted at 4°C.



LOU rat splenocytes stained with purified 341, followed by anti-mouse IgG FITC

Applications:

Applications: FC - *Quality tested*
 IP, WB, IHC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: immunoprecipitation¹, Western blotting¹, immunohistochemical staining^{1,2} of acetone-fixed frozen sections and Zinc-fixed paraffin-embedded sections, *in vitro* blocking of allogeneic responses¹, Macrophage stimulation^{3,4} and *in vivo* depletion.

Application References: 1. Torres-Nagel N, *et al.* 1992. *Eur. J. Immunol.* 22:2841. (IP IHC WB)
 2. Kuhnlein P, *et al.* 1994. *J. Immunol.* 153:979. (IHC)
 3. Hirji N, *et al.* 1997. *J. Immunol.* 158:1833.
 4. Hirji N, *et al.* 1998. *J. Immunol.* 160:6004.

Description: CD8b antigen is also known as T8, Lyt2, Ly-2, and CD8β. It is a member of the immunoglobulin superfamily expressed on most thymocytes, some mature T cell subsets, and macrophages. CD8b forms heterodimers with the CD8α chain (CD8a). CD8 is an antigen co-receptor on T cells that interacts with MHC class I on antigen-presenting cells or epithelial cells. CD8 participates in T cell activation through its association with the T cell receptor complex and protein tyrosine kinase lck (p56lck).

Antigen References: 1. Torres-Nagel N, *et al.* 1992. *Eur. J. Immunol.* 22:2841.
 2. Kuhnlein P, *et al.* 1994. *J. Immunol.* 153:979.
 3. Hirji N, *et al.* 1997. *J. Immunol.* 158:1833.
 4. Hirji N, *et al.* 1998. *J. Immunol.* 160:6004.

Related Products: Product

Purified Mouse IgG1, κ Isotype Ctrl
 APC Goat anti-mouse IgG (minimal x-reactivity)
 FITC Goat anti-mouse IgG (minimal x-reactivity)
 PE Goat anti-mouse IgG (minimal x-reactivity)
 Cell Staining Buffer

Clone

MOPC-21
 Poly4053
 Poly4053
 Poly4053

Application

FC, ICFC, ICC, IF, IHC, IP, WB
 FC
 FC
 FC
 FC, ICC, ICFC



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