

CD8 (HIT8a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250941

Unit: 0.1 mg

Description:

The CD8 (HIT8a) antibody recognizes a 68-kDa type-I transmembrane glycoprotein that consists of two disulfide-linked chains that form alpha homodimers or alpha/beta heterodimers. The most frequent CD8 antigen is CD8 alpha/beta heterodimer, which is expressed on 13-48 % peripheral blood suppressor/cytotoxic T lymphocytes (Ts/Tc) and 70-80% thymocytes. In addition, a proportion of ??T cells and NK cells express CD8? homodimers. CD8? requires the presence of CD8a to be expressed on the cell surface. CD8 antigen is co-receptor for HLA class-I molecules.

Isotype: mouse IgG1

Applications: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a antigen; CD8a; MAL

Accession No.: P01732

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen and formalin-fixed paraffin sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Schlossman S. et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York; Shen DC., et al., 1990. Shanghai J. of Immunol. 10(3):147; Yang CY., et al. 1993. J. of Monoclonal Antibody. 9(4):42.

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