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36-3515: Anti-CD8A (Cytotoxic / Suppressor T-Cell Marker) Monoclonal Antibody(Clone: T8/209)

Clonality: Monoclonal
Clone Name: T8/209
Application: ELISA
Reactivity: Human
Gene: CD8A
Gene ID: 925
Uniprot ID: P01732

Alternative Name: CD8 antigen, alpha polypeptide (p32), T8/Leu-2 T-lymphocyte differentiation antigen, Ly3,

LYT3, MAL, T-cell surface glycoprotein CD8 alpha chain

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human T8 (CD8a) protein

Description

This MAb is specific for the 32kDa alpha chain of human CD8, known as CD8a or CD8 alpha.CD8 is a cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cells express CD8a. CD8 binds to MHC class 1 and throµgh its association with protein tyrosine kinase p56lck plays a role in T cell development and activation of mature T cells. For mature T-cells, CD4 and CD8 are mutually exclusive, so anti-CD8, generally used in conjunction with anti-CD4. It is a useful marker for distinguishing helper/inducer T-lymphocytes, and most peripheral T-cell lymphomas are CD4+/CD8-. Anaplastic large cell lymphoma is usually CD4+ and CD8-, and in T-lymphoblastic lymphoma/leukemia, CD4 and CD8 are often co-expressed. CD8 is also found in littoral cell angioma of the spleen.

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

ELISA (For coating, order antibody without BSA);