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30-1584: Anti-CD8 Monoclonal Antibody (Clone:LT8)

Clonality: Monoclonal

Clone Name: LT8
Application: FACS, IP

Reactivity: Human, Non-Human Primates

 Gene :
 CD8A

 Gene ID :
 925

 Uniprot ID :
 P01732

 Format :
 Purified

Alternative Name: T-lymphocyte differentiation antigen T8/Leu-2, CD8a, MAL

Isotype: Mouse IgG1

Immunogen Information: human blood lymphocytes

Description

The CD8 T cell coreceptor (monomer approx. 32-34 kDa) is expressed as alpha/beta heterodimer on majority of MHC I-restricted conventional T cells and thymocytes and as alpha/alpha homodimer on subsets of memory T cells, intraepithelial lymphocytes, NK 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.

Product Info

Amount: 0.1 mg

Purification: Purified from hybridoma culture supernatant by protein-A affinity chromatography.

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