

CD8 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1008a

Product Information

Application	FC, E
Primary Accession	P01732
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	RAVB3
Isotype	IgG1
Calculated MW	25729 Da
Description	CD8 T cell surface antigen is heterodimer of an alpha and a beta chain linked by two disulfide bonds .It belongs type I membrane protein. Selectively expressing of CD8 on a subset of T cells leads to CD8 T cell development. Through identifying cytotoxic/suppressor T-cells that interact with MHC class I bearing targets, CD8 is thought to play a role in the process of T-cell mediated killing. Veillette et al (1988) found the CD8 is associated with the internal membrane tyrosine-protein kinase p56lck.
Immunogen	Purified recombinant fragment of human CD8 expressed in E. Coli.
Formulation	Purified antibody in PBS containing 0.03% sodium azide.

Additional Information

Other Names	T-cell surface glycoprotein CD8 alpha chain, T-lymphocyte differentiation antigen T8/Leu-2, CD8a, CD8A, MAL
Dilution	FC~~1/200 - 1/400 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

References

1. Veillette, A. et al. 1988. Cell 55:301.

Images

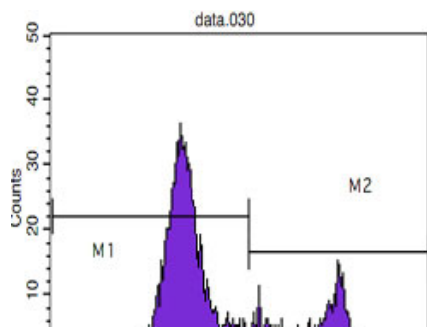


Figure 1: Flow cytometric analysis of blood T cells using CD8 mouse mAb (M2) and negative control (M1).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.