CD8A Antibody [clone T8/209] (V8825)

Catalog No.	Formulation	Size
V8825-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8825-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8825SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	T8/209
Purity	Protein A/G affinity
UniProt	P01732
Localization	Cell surface
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This CD8A antibody is available for research use only.



Description

This MAb is specific for the 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 through 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.

Application Notes

Optimal dilution of the CD8A antibody should be determined by the researcher.

Immunogen

Recombinant human CD8a protein was used as the immunogen for the CD8A antibody.

Storage

Aliquot the CD8A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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