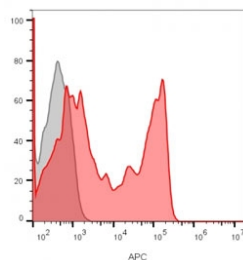


Anti-CD8 Antibody (alpha) [clone C8/1035] (V2384)

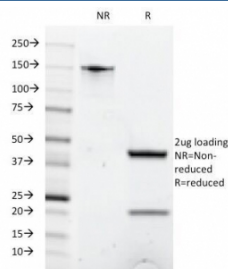
Catalog No.	Formulation	Size
V2384-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2384-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2384SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C8/1035
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P01732
Localization	Cell surface
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 0.5-1ug/million cells
Limitations	This anti-CD8 antibody is available for research use only.



Flow cytometry staining of lymphocyte-gated human PBM cells with CD8 antibody (clone C8/1035); Gray=unstained, Red= CD8 antibody.



SDS-PAGE Analysis of Purified, BSA-Free Anti-CD8 Antibody (clone C8/1035).
Confirmation of Integrity and Purity of the Antibody.

Description

Cluster of Differentiation 8 is a cell surface receptor expressed either as a heterodimer with the beta chain or as a homodimer. A majority of thymocytes and a subpopulation of mature Tcells and NK cells express CD8a. It binds to MHC class 1 and through its association with protein tyrosine kinase p56lck plays a role in Tcell development and activation of mature Tcells. For mature Tcells, CD4 and 8 are mutually exclusive, so antibody to CD8 is generally used in conjunction with antibody to CD4.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the anti-CD8 antibody to be titrated up or down for optimal performance.

Immunogen

Recombinant full-length human CD8a protein was used as immunogen for this anti-CD8 antibody.

Storage

Store the anti-CD8 antibody (with azide) at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.

References (1)