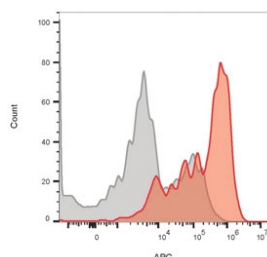


CD3e Antibody [clone OKT3] (V8204)

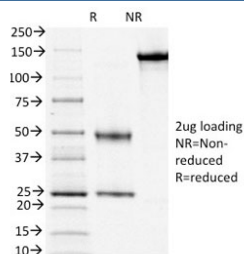
Catalog No.	Formulation	Size
V8204-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8204-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8204SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	OKT3
Purity	Protein G affinity chromatography
UniProt	P07766
Localization	Cell surface, cytoplasmic
Applications	Flow Cytometry : 1-2ug/10 ⁶ cells Immunohistochemistry (acetone Fixed Frozen Sections) : Immunofluorescence : 1-2ug/ml Functional Studies (order BSA/azide-free Format) :
Limitations	This CD3e antibody is available for research use only.



Flow cytometry staining of lymphocyte-gated human PBM cells with CF640R-labeled CD3e antibody (clone OKT3). Gray=unstained, Red=CF640R-CD3e antibody.



SDS-PAGE analysis of purified, BSA-free CD3e antibody (clone OKT3) as confirmation of integrity and purity.

Description

Recognizes the epsilon-chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. It is found on all mature T-lymphocytes, NK, T-cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation. It is expressed, typically at high levels, on peripheral T cells and majority of T cell neoplasms. Thymocytes express CD3 at different level on the cell surface in the course of differentiation and, in cortical thymus, CD3 is predominantly Intracytoplasmic. This MAbs has been reported to have potent immunosuppressive properties in vivo and has been proven effective in the treatment of renal, heart and liver allograft rejection.

Application Notes

Optimal dilution of the CD3e antibody should be determined by the researcher.

Immunogen

Human PBMC were used as the immunogen for the CD3e antibody.

Storage

Store the CD3e antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).