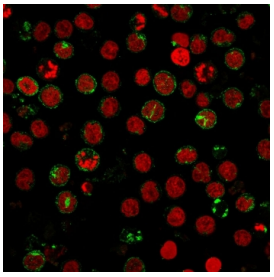
CD6 Antibody [clone SPV-L14] (V2961)

Catalog No.	Formulation	Size
V2961-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2961-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2961SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

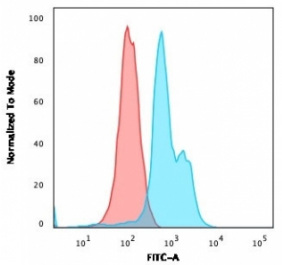
Citations (6)

Bulk quote request

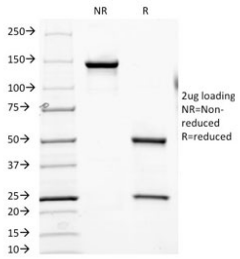
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPV-L14
Purity	Protein G affinity chromatography
UniProt	P30203
Localization	Cell surface and cytoplasmic
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 0.5-1ug/ml
Limitations	This CD6 antibody is available for research use only.



Immunofluorescent staining of human MOLT-4 cells with CD6 antibody (green, clone SPV-L14) and Reddot nuclear stain (red).



Flow cytometry testing of human MOLT-4 cells with CD6 antibody (clone SPV-L14); Red=isotype control, Blue= CD6 antibody.



SDS-PAGE analysis of purified, BSA-free CD6 antibody (clone SPV-L14) as confirmation of integrity and purity.

Description

CD6 is a type I transmembrane glycoprotein that contains a 24-amino acid signal sequence, three extracellular scavenger receptor cysteine-rich (SRCR) domains, a membrane-spanning domain and a 44-amino acid cytoplasmic domain. The CD6 glycoprotein is tyrosine phosphorylated during TCR-mediated T cell activation. CD6 shows significant homology to CD5. CD6 is present on mature thymocytes, peripheral T cells and a subset of B cells. Antibodies to CD6 are used to deplete T cells from bone marrow transplants to prevent graft versus host disease.

Application Notes

Optimal dilution of the CD6 antibody should be determined by the researcher.

Immunogen

A CD8+ cytotoxic T-cell clone was used as the immunogen for the CD6 antibody.

Storage

Store the CD6 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.