antibodies - online.com







Recombinant anti-CD6 antibody





Overview

Quantity:	100 μg
Target:	CD6
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD6 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Human recombinant full-length CD6 protein
Clone:	C6-2884R
Isotype:	IgG
Purification:	Purified by Protein A/G

Target Details

Target:	CD6
Alternative Name:	CD6 (CD6 Products)
Background:	CD6 is a type I transmembrane glycoprotein that contains a 24-amino acid signal sequence,

Target Details

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 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.

Molecular Weight:	90-130kDa
Gene ID:	923
UniProt:	P30203

Application Details

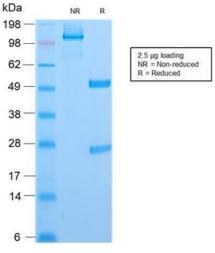
Application Notes:	Positive Control: MOLT-4, CCRF-CEM, Jurkat cells, Tonsil

Known Application: Flow Cytometry (1-2 μ g/mL), Immunofluorescence (1-2 μ g/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 μ g/mL for 30 minutes at RT), (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

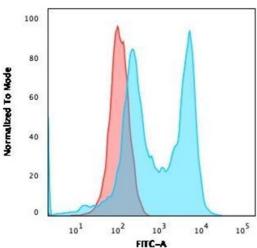
Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



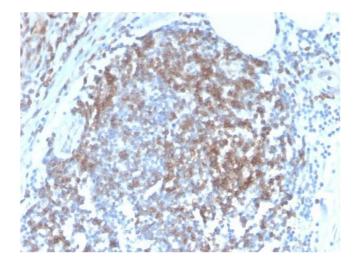
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD6 RabbitRecombinant Monoclonal Antibody (C6/2884R).Confirmation of Purity and Integrity of Antibody.



Flow Cytometry

Image 2. Flow Cytometric Analysis of MOLT-4 cells. CD6 Rabbit Recombinant Monoclonal Antibody (C6/2884R) followed by goat anti-rabbit IgG-CF488 (Blue); Isotype control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with CD6 Rabbit Recombinant Monoclonal Antibody (C6/2884R).

Please check the product details page for more images. Overall 4 images are available for ABIN6941064.