

For Research Use Only

CD6 Recombinant antibody

Catalog Number: 84508-4-RR



Basic Information

Catalog Number:

84508-4-RR

Size:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC033755

GeneID (NCBI):

923

UNIPROT ID:

P30203

Full Name:

CD6 molecule

Purification Method:

Protein A purification

CloneNo.:

241965G2

Recommended Dilutions:

IF/ICC 1:125-1:500

Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : MOLT-4 cells,

Background Information

CD6 is a type I transmembrane glycoprotein of 105-130 kDa that belongs to the scavenger receptor cysteine-rich superfamily (PMID: 21880988). It is composed of an extracellular region, which consists of three tandem SRCR domains, a transmembrane region, and a cytoplasmic tail devoid of intrinsic catalytic activity but harbouring several phosphorylatable residues suitable for intracellular signal transduction (PMID: 38139340; 23711376). CD6 is expressed by T cells, medullary thymocytes, a subset of B cells and NK cells, and in some cells of the brain (PMID: 1919444; 21178331). CD6 plays a role in lymphocyte activation, proliferation, and survival processes via interaction with its endogenous ligands.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

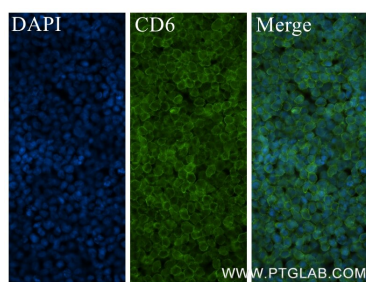
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MOLT-4 cells using CD6 antibody (84508-4-RR, Clone: 241965G2) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).