

For Research Use Only

CD6 Recombinant antibody, PBS Only

Catalog Number: 84508-5-PBS



Basic Information

Catalog Number:

84508-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC033755

GeneID (NCBI):

923

UNIPROT ID:

P30203

Full Name:

CD6 molecule

Observed MW:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

241965D11

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

CD6 is a type I transmembrane glycoprotein 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 harboring 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

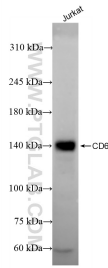
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 84508-5-RR (CD6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84508-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84508-5-RR (CD6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84508-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84508-5-RR (CD6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84508-5-PBS in a different storage buffer formulation.