

For Research Use Only

CD4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83513-10-PBS



Basic Information

Catalog Number:

83513-10-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0333

GenBank Accession Number:

BC025782

GeneID (NCBI):

920

ENSEMBL Gene ID:

ENSG00000010610

UNIPROT ID:

P01730

Full Name:

CD4 molecule

Calculated MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

240427E5

Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

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, pH7.3

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

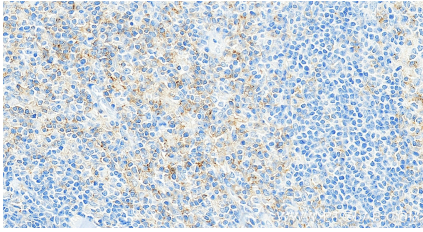
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E: Proteintech-CN@ptglab.com

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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



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83513-10-RR (CD4 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83513-10-PBS in a different storage buffer formulation.