

For Research Use Only

CD4 Recombinant antibody, PBS Only

Catalog Number: 83513-7-PBS



Basic Information

Catalog Number:

83513-7-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

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.:

240427E12

Applications

Tested Applications:

WB, ELISA, IF/ICC

Species Specificity:

Human

Background Information

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:

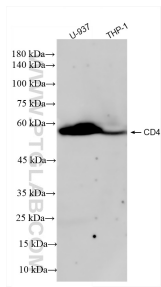
T: 4006900926

E: Proteintech-CN@ptglab.com

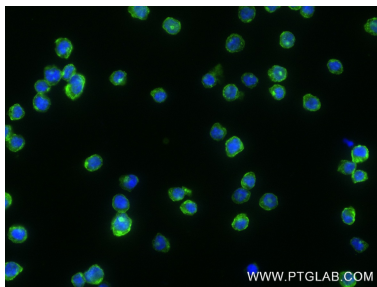
W: ptgcn.com

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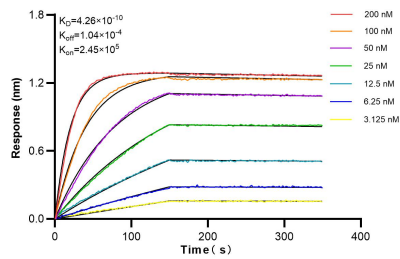
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83513-7-RR (CD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83513-7-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CD4 antibody (83513-7-RR, Clone: 240427E12) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 83513-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83513-7-RR against Human CD4 were performed. The affinity constant is 0.426 nM.