

For Research Use Only

# IL-6 Recombinant antibody, PBS Only (Capture)

Catalog Number: 81077-1-PBS



## Basic Information

Catalog Number:

81077-1-PBS

Concentration:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10565

GenBank Accession Number:

BC015511

GeneID (NCBI):

3569

ENSEMBL Gene ID:

ENSG00000136244

UNIPROT ID:

P05231

Full Name:

interleukin 6 (interferon, beta 2)

Calculated MW:

212 aa, 24 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

2E9

## Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

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, pH7.3

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

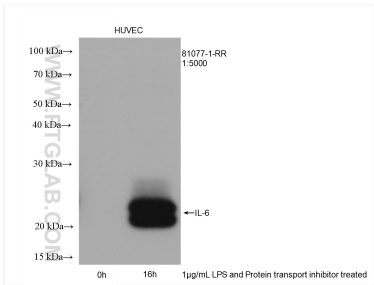
T: 4006900926

E: Proteintech-CN@ptglab.com

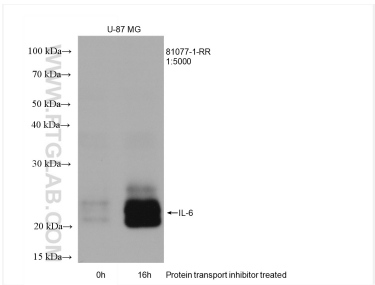
W: ptgcn.com

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

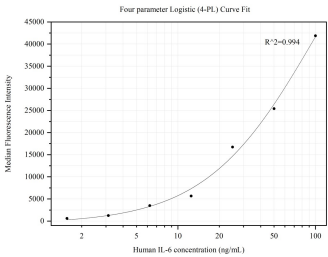
Selected Validation Data



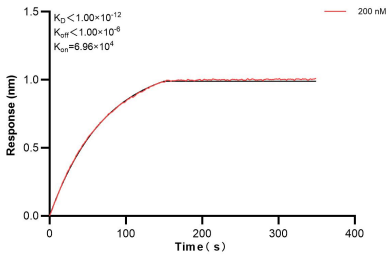
HUVEC cells were subjected to SDS PAGE followed by western blot with 81077-1-RR (IL-6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81077-1-PBS in a different storage buffer formulation.



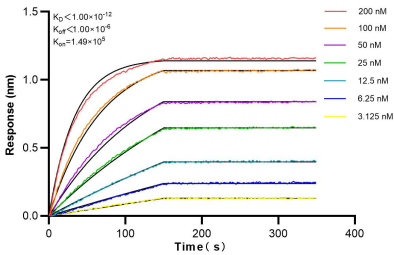
Protein transport inhibitor treated U-87 MG cells were subjected to SDS PAGE followed by western blot with 81077-1-RR (IL-6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81077-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP80002-1, IL-6 Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 81077-1-PBS. Detection antibody: 68659-10-PBS. Standard:HZ-1019 . Range: 1.563-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 81077-1-PBS against Human IL-6 was performed. The affinity constant is below 1 pM.



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