

For Research Use Only

# IL-12 p70 Recombinant monoclonal antibody

Catalog Number: 83094-1-RR

1 Publications



## Basic Information

Catalog Number:

83094-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

P29460(IL12B);P29459(IL12A)

Full Name:

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

230295F4

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : Recombinant protein,

## Background Information

IL-12 is a heterodimeric cytokine composed of two glycosylated and disulfide-linked subunits (p40 cysteine-linked to p35). IL-12 is a potent regulator of cell mediated immune responses and it induces IFN-gamma production by NK and T cells. It is produced by activated monocytes/macrophage cells, B lymphocytes, and connective tissue type mast cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuanliang Yan	40487165	Mater Today Bio	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

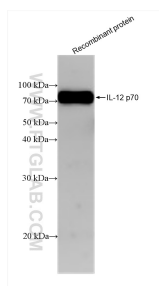
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

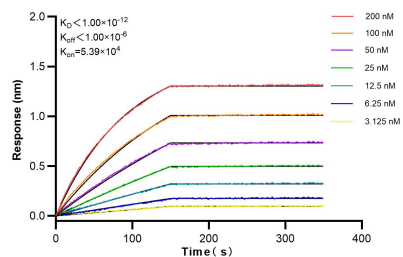
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Recombinant protein IL-12 p70(Eg0575) was subjected to SDS PAGE followed by western blot with 83094-1-RR (IL-12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83094-1-RR against Human IL-12 p70 were performed. The affinity constant is below 1 pM.