

For Research Use Only

IL-12 p70 Recombinant antibody

Catalog Number: 83094-1-RR



Basic Information

Catalog Number:

83094-1-RR

GenBank Accession Number:

GeneID (NCBI):

Size:

100ul, Concentration: 1000 ug/ml by
Nanodrop;

UNIPROT ID:

P29460(IL12B);P29459(IL12A)

Source:

Rabbit

Full Name:

Observed MW:

70 kDa

Isotype:

IgG

Purification Method:

Protein A purification

CloneNo.:

230295F4

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

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.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

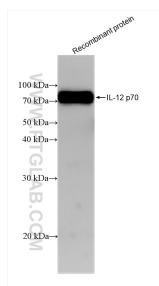
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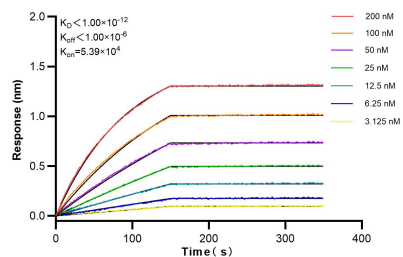
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Selected Validation Data



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.