

# IL-12 p70 Recombinant antibody

Catalog Number: 82878-2-RR

## Basic Information

Catalog Number:

82878-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

16160

UNIPROT ID:

P43432(IL12B);P43431(IL12A)

Full Name:

interleukin 12b

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

230037B7

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : Recombinant protein,

## Background Information

Interleukin-12 (IL-12), is a cytokine that is secreted by activated phagocytes and dendritic cells and that induces interferon- $\gamma$  production by natural-killer and T lymphocytes. IL-12 is a 75 kDa heterodimer composed of a 35 kDa subunit (IL-12A p35) and a 40 kDa subunit (IL-12B p40) that is secreted by a wide variety of antigen presenting cells (APCs), including phagocytes, B cells and Langerhans cells.

## Storage

Storage:

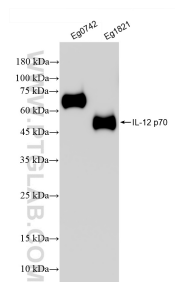
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

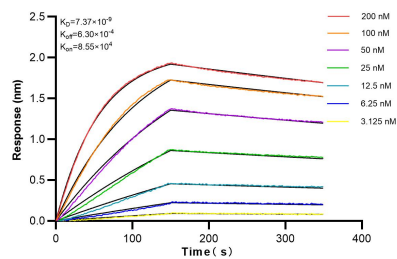
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Recombinant protein Eg0742 (IL-12 p70) and Recombinant protein Eg1821 (IL-12A p35) were subjected to SDS PAGE followed by western blot with 82878-2-RR (IL-12 p70 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82878-2-RR against Mouse IL-12 p70 were performed. The affinity constant is 7.37 nM.