

IL-12Rbeta1 antibody

Catalog No: #22503

Orders: order@signalwayantibody.com

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Description

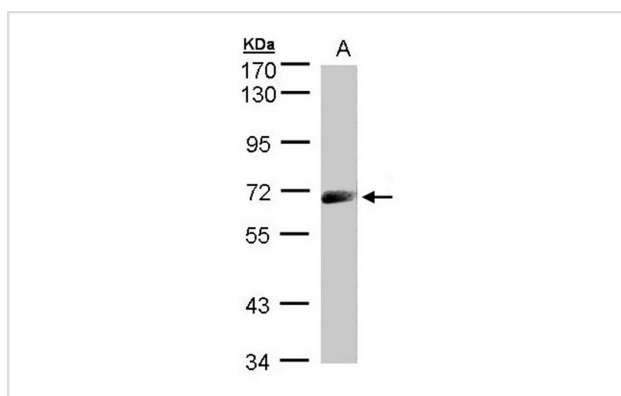
Product Name	IL-12Rbeta1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 57 and 458 of Human IL12RB1
Target Name	IL-12Rbeta1
Accession No.	Swiss-Prot:P42701Gene ID:3594
Uniprot	P42701
GeneID	3594;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 73kd

Western blotting: 1:500-1:3000

Images



Sample(30 ug whole cell lysate)
 A: A431
 7.5% SDS PAGE
 Primary antibody diluted at 1: 1000

Background

The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is

required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The lack of expression of this gene was found to result in the immunodeficiency of patients with severe mycobacterial and Salmonella infections. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Note: This product is for in vitro research use only