

IL 4 Rabbit mAb

Catalog No: #52018

Package Size: #52018-1 50ul #52018-2 100ul

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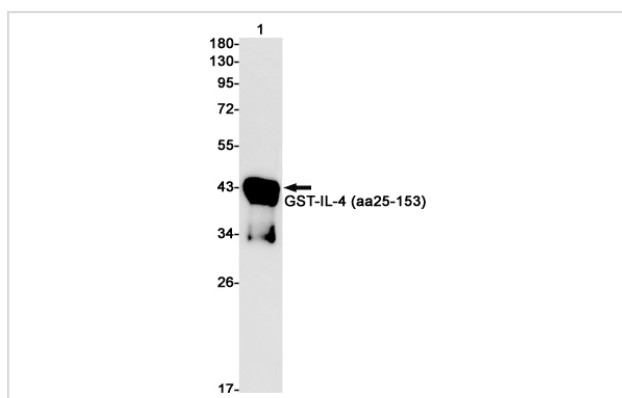
Description

Product Name	IL 4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-2A7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human IL4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BCGF1; Binetrakin; BSF1; IGG1 induction factor; IL4; Il4e12;
Accession No.	Swiss-Prot:P05112GenelD:3565
Uniprot	P05112
GenelD	3565
Calculated MW	Calculated MW: 17 kDa; Observed MW: 17 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of IL-4 in GST-IL-4 (aa25-153) cell lysates using IL-4 Rabbit mAb(1:1000 diluted). Predicted band size:17kDa. Observed band size:17kDa.

Background

Swiss-Prot Acc.P05112.Participates in at least several B-cell activation processes as well as of other cell types (PubMed:3016727).

It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes. Positively regulates IL31RA expression in macrophages (By similarity).

Stimulates autophagy in dendritic cells by interfering with mTORC1 signaling and through the induction of RUFY4 (By similarity).

Note: This product is for in vitro research use only