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## **IL4 (C) Antibody, Rabbit Polyclonal**

**Cat#: R0071-2**

**Quantity: 100 ug**

**Predicted M.W.: 17 kDa**

**Lot#: Refer to vial**

**Application: WB, ELISA**

**Uniprot ID: P05112**

### **Background:**

Interleukin 4 (IL4) is a pleiotropic cytokine produced by activated T cells. It participates in several B-cell activation processes as well as of other cell types. It induces the expression of class II MHC molecules on resting B-cells. IL4 is the ligand for interleukin 4 receptor which can also bind IL13. IL4 is a costimulator of DNA-synthesis. It enhances secretion and cell surface expression of IgE and IgG1.

### **Other Names:**

BCGF-1, BCGF1, BSF1, IL-4, MGC79402

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human IL4. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

Human

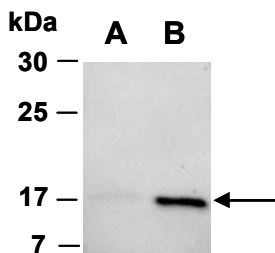
### **Tested Applications:**

WB: 1:1,000-1:5,000 (detect endogenous protein\*)

ELISA: 1:1,000- 1:10,000 (detect native recombinant protein in a direct ELISA assay). Suitable for using as ELISA capture or detection antibody.

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of recombinant human IL-4 protein (A: 10ng, B: 60 ng), using Ab (R0071-2) at RT for 2 h.