

Recombinant

DGRmAb®

## IL-4 (DGR11509) Rabbit mAb

db11951

Package : 10µL 20µL 50µL 100µL

**Product Name** : IL-4 (DGR11509) Rabbit mAb**Cat.No.:** db11951**Synonyms** : BSF1; IL-4; BCGF1; BSF-1; BCGF-1**Application** : WB, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human IL4

**Gene ID**

3565

**Swiss Prot**

P05112

**Synonyms**

BSF1; IL-4; BCGF1; BSF-1; BCGF-1

**Reactivity**

Human

**Application**

WB, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:200-1:500

FC: 1:100

**Calculated MW**

17 kDa

**Observed MW**

17 kDa

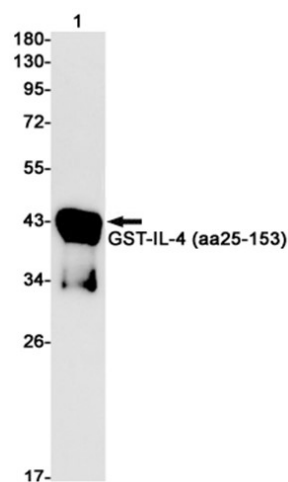
**Host species**

Rabbit

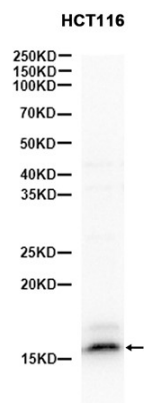
**Clonality**

Monoclonal

Clonality No.	DGR11509
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of IL-4 in GST-IL-4 (aa25-153) cell lysates using IL-4 antibody(1:1000 diluted).



Western blot analysis of extracts from HCT116 cells using db11951 at 1:1000.