

Recombinant

DGRmAb®

IL-4 (DGR11509) Rabbit mAb (PBS Only)

db11951-PBS

Package : 100µg

Product Name : IL-4 (DGR11509) Rabbit mAb (PBS Only)**Cat.No.:** db11951-PBS**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

Calculated MW

17 kDa

Observed MW

17 kDa

Host species

Rabbit

Clonality

Monoclonal

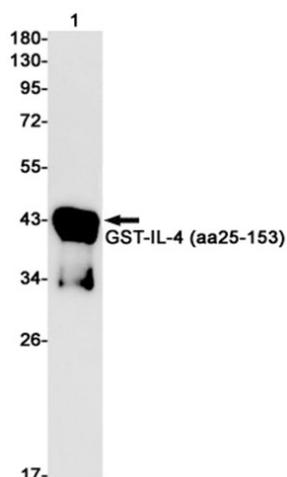
Clonality No.

DGR11509

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.