



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

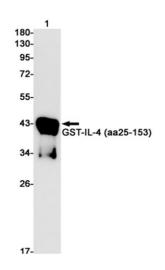
Isotype IgG

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.