Recombinant DGRmAb®

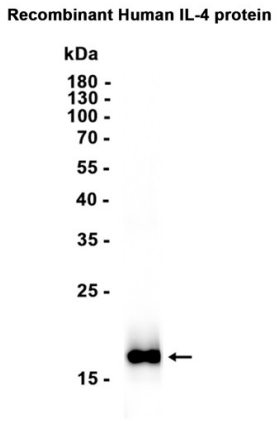
IL-4 (DGR11509) Rabbit mAb

db11951 **Package : 10μL 20μL 50μL 100μL**

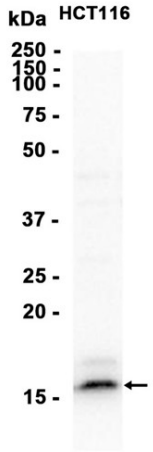
Product Name : IL-4 (DGR11509) Rabbit mAb
Cat.No.: db11951
Synonyms : BSF1; IL-4; BCGF1; BSF-1; BCGF-1
Application : WB, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

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 analysis of Recombinant Human IL-4 protein using db11951 at 1:1000.



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