

Recombinant

DGRmAb®

ILF2 (DGR36143) Rabbit mAb

db16378

Package : 10µL 20µL 50µL 100µL

Product Name : ILF2 (DGR36143) Rabbit mAb**Cat.No.:** db16378**Synonyms** : NF45; PRO3063**Application** : WB, IHC-P, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The encoded 45 kDa protein (NF45, ILF2) forms a complex with the 90 kDa interleukin enhancer-binding factor 3 (NF90, ILF3), and this complex has been shown to affect the redistribution of nuclear mRNA to the cytoplasm, to repair DNA breaks by nonhomologous end joining, and to negatively regulate the microRNA processing pathway. Knockdown of NF45 or NF90 protein retards cell growth, possibly by inhibition of mRNA stabilization. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14. [provided by RefSeq, Dec 2014]

Immunogen

A synthetic peptide of Human ILF2

Gene ID

3608

Swiss Prot

Q12905

Synonyms

NF45; PRO3063

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, FC, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:100-1:200

FC: 1:200-1:1000

IP: 1:50-1:100

Calculated MW

43 kDa

Observed MW

43 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR36143
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.