

Recombinant

DGRmAb®

eIF3B (DGR12735) Rabbit mAb

db12325

Package : 10µL 20µL 50µL 100µL

Product Name : eIF3B (DGR12735) Rabbit mAb**Cat.No.:** db12325**Synonyms** : PRT1; EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116**Application** : WB, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:9388245, PubMed:17581632, PubMed:25849773, PubMed:27462815). The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition.

Immunogen

A synthetic peptide of human eIF3B

Gene ID

8662

Swiss Prot

P55884

Synonyms

PRT1; EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC

Recommended dilution

WB: 1:2000-1:20000

ICC/IF: 1:200-1:500

FC: 1:10-1:100

Calculated MW

93 kDa

Observed MW

117 kDa

Host species

Rabbit

Clonality

Monoclonal

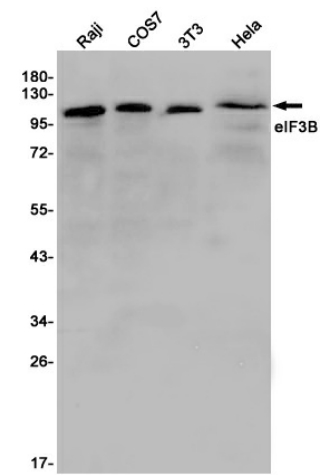
Clonality No.

DGR12735

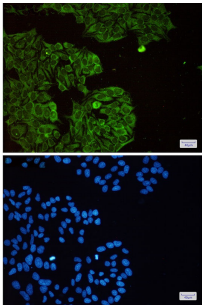
Isotype

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 eIF3B in Raji,COS7,3T3,HeLa cell lysates using eIF3B antibody(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using db12325 antibody (green), and DAPI (blue).