Recombinant DGRmAb®

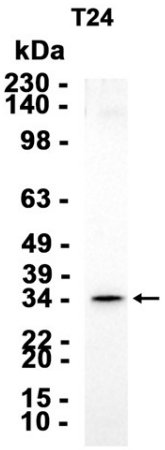
Phospho-EIF2S1 (Ser51) (DGR12903) Rabbit mAb

db14264 **Package : 10μL 20μL 50μL 100μL**

Product Name : Phospho-EIF2S1 (Ser51) (DGR12903) Rabbit mAb
Cat.No.: db14264
Synonyms : EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, EIF2, and GTP. EIF2 is composed of 3 nonidentical subunits, the 36-kD EIF2-alpha subunit (EIF2S1), the 38-kD EIF2-beta subunit (EIF2S2; MIM 603908), and the 52-kD EIF2-gamma subunit (EIF2S3; MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of EIF2-alpha (Ernst et al., 1987 [PubMed 2948954]). [supplied by OMIM, Feb 2010]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser51 of human EIF2S1
Gene ID	1965
Swiss Prot	P05198
Synonyms	EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:50
Calculated MW	36 kDa
Observed MW	36 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12903
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 extracts from T24 cells using db14264 at 1:1000.