Recombinant DGRmAb®

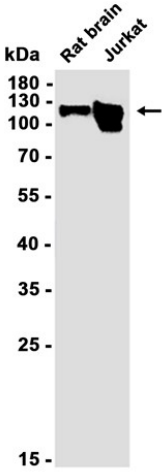
NMDAR1 (DGR14132) Rabbit mAb (PBS Only)

db12435-PBS **Package : 10μg 100μg**

Product Name : NMDAR1 (DGR14132) Rabbit mAb (PBS Only)
Cat.No.: db12435-PBS
Synonyms : NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1
Application : WB, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human NMDAR1
Gene ID	2902
Swiss Prot	Q05586
Synonyms	NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF
Calculated MW	105 kDa
Observed MW	120 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14132
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat cells and Rat brain tissue using db12435 at 1:1000.