Recombinant DGRmAb®

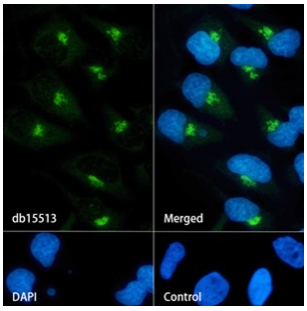
BDNF (DGR13685) Rabbit mAb (PBS Only)

db15513-PBS **Package : 10μg 100μg**

Product Name : BDNF (DGR13685) Rabbit mAb (PBS Only)
Cat.No.: db15513-PBS
Synonyms : ANON2; BULN2
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a member of the nerve growth factor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. Binding of this protein to its cognate receptor promotes neuronal survival in the adult brain. Expression of this gene is reduced in Alzheimer's, Parkinson's, and Huntington's disease patients. This gene may play a role in the regulation of the stress response and in the biology of mood disorders. [provided by RefSeq, Nov 2015]
Immunogen	A synthetic peptide of human BDNF
Gene ID	627, 12064, 24225
Swiss Prot	P23560, P21237, P23363
Synonyms	ANON2; BULN2
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Calculated MW	15 kDa
Observed MW	Precursor 28 kDa - Mature 14 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13685
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

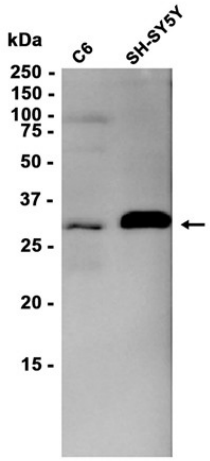
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling BDNF with db15513.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15513 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Western blot analysis of extracts from C6, SH-SY5Y cells using db15513 at 1:1000.