Recombinant DGRmAb®

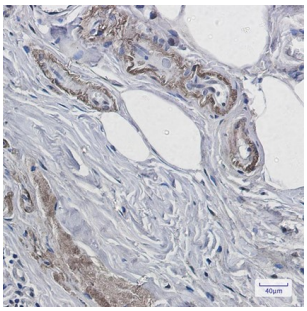
PRNP (DGR16827) Rabbit mAb (PBS Only)

db12127-PBS **Package : 10μg 100μg**

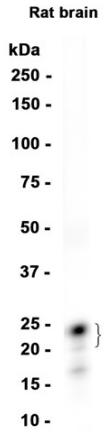
Product Name : PRNP (DGR16827) Rabbit mAb (PBS Only)
Cat.No.: db12127-PBS
Synonyms : CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that tends to aggregate into rod-like structures. The encoded protein contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. An overlapping open reading frame has been found for this gene that encodes a smaller, structurally unrelated protein, AltPrp. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]
Immunogen	A synthetic peptide of human PRNP
Gene ID	5621
Swiss Prot	P04156
Synonyms	CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, FC
Calculated MW	28 kDa
Observed MW	28 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16827
Isotype	IgG

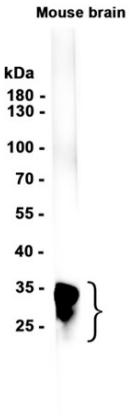
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



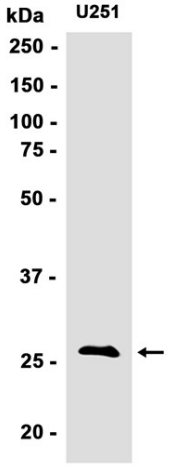
Immunohistochemical analysis of paraffin-embedded human breast cancer using db12127 antibody.



Western blot analysis of extracts from Rat brain tissue using db12127 at 1:1000.



Western blot analysis of extracts from Mouse brain tissue using db12127 at 1:1000.



Western blot analysis of extracts from U251 cells using db12127 at 1:1000.