Recombinant DGRmAb®

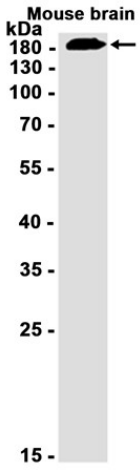
Neurofilament heavy polypeptide (DGR14226) Rabbit mAb (PBS Only)

db12729-PBS **Package : 10μg 100μg**

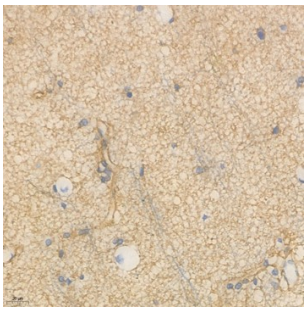
Product Name : Neurofilament heavy polypeptide (DGR14226) Rabbit mAb (PBS Only)
Cat.No.: db12729-PBS
Synonyms : NFH; CMT2CC
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene. [provided by RefSeq, Oct 2008]
Immunogen	Recombinant protein of human Neurofilament heavy polypeptide
Gene ID	4744
Swiss Prot	P12036
Synonyms	NFH; CMT2CC
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Calculated MW	113 kDa
Observed MW	180-220 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14226
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

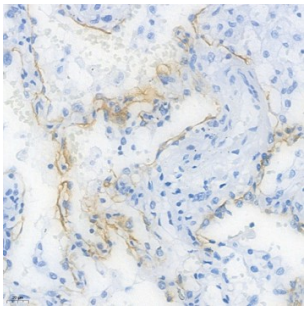
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



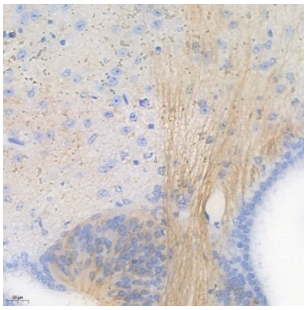
Western blot analysis of extracts from Mouse brain tissue using db12729 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human brain tissue labeling Neurofilament heavy polypeptide with db12729. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human lung tissue labeling Neurofilament heavy polypeptide with db12729. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue labeling Neurofilament heavy polypeptide with db12729. Counter stained with Hematoxylin.