Recombinant DGRmAb®

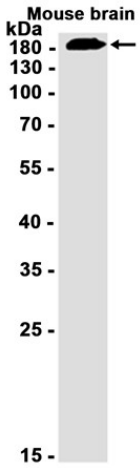
Neurofilament heavy polypeptide (DGR14226) Rabbit mAb

db12729 **Package : 10μL 20μL 50μL 100μL**

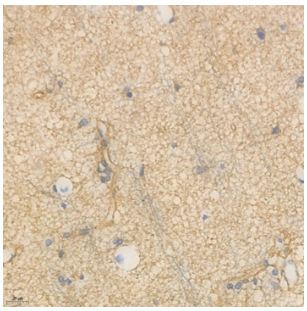
Product Name : Neurofilament heavy polypeptide (DGR14226) Rabbit mAb
Cat.No.: db12729
Synonyms : NFH; CMT2CC
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:1000 ICC/IF: 1:100
Calculated MW	113 kDa
Observed MW	180-220 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14226
Isotype	IgG

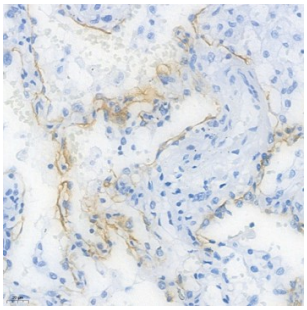
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



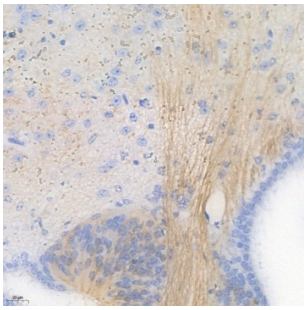
Western blot analysis of extracts from Mouse brain tissue using db12729 at 1:1000.



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.