



Recombinant

DGRmAb<sup>®</sup>

## 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



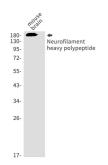
## For Research Use Only **Product Datasheet**

**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 detection of Neurofilament heavy polypeptide in mouse brain using Neurofilament heavy polypeptide antibody.