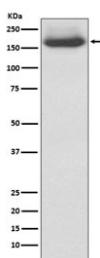


## NF-M Antibody / Neurofilament Medium [clone AAGI-14] (RQ5169)

| Catalog No. | Formulation  | Size   |
|-------------|--|--------|
| RQ5169      | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

**Bulk quote request**

|                    |  |
|--------------------|--|
| Availability       | 1-2 weeks  |
| Species Reactivity | Human  |
| Format             | Purified   |
| Host               | Rabbit   |
| Clonality          | Rabbit Monoclonal                                      |
| Isotype            | Rabbit IgG   |
| Clone Name         | AAGI-14  |
| Purity             | Affinity purified                                      |
| UniProt            | P07197   |
| Applications       | Western Blot : 1:1000-1:5000                           |
| Limitations        | This NF-M antibody is available for research use only. |



Western blot testing of human 293T cell lysate with NF-M antibody. Predicted molecular weight: ~102 kDa but routinely observed at 145~160 kDa.

### Description

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. The NEFM gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. [RefSeq]

## Application Notes

Optimal dilution of the NF-M antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human NEFM / Neurofilament Medium was used as the immunogen for the NF-M antibody.

## Storage

Store the NF-M antibody at -20oC.