

## Product datasheet

anti-Neurofilament (200 kD) mouse monoclonal, NF402, supernatant

### Short overview

|                 |       |
|-----------------|-------|
| <b>Cat. No.</b> | 10511 |
| <b>Quantity</b> | 1 ml  |

### Product description

|                      |                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>          | Mouse                                                                                                                      |
| <b>Antibody Type</b> | Monoclonal                                                                                                                 |
| <b>Isotype</b>       | IgM                                                                                                                        |
| <b>Clone</b>         | NF402                                                                                                                      |
| <b>Immunogen</b>     | Neurofilament preparation isolated from calf brain tissue                                                                  |
| <b>Formulation</b>   | Contains 0.09% sodium azide                                                                                                |
| <b>UniprotID</b>     | F1MSQ6 (Bovine),P12036 (Human),P16884 (Rat)                                                                                |
| <b>Synonym</b>       | Neurofilament heavy polypeptide, NF-H, 200 kDa neurofilament protein, Neurofilament triplet H protein, NEFH, KIAA0845, NFH |
| <b>Note</b>          | Centrifuge prior to opening                                                                                                |
| <b>Conjugate</b>     | Unconjugated                                                                                                               |
| <b>Purification</b>  | Hybridoma cell culture supernatant                                                                                         |
| <b>Storage</b>       | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles                                      |
| <b>Intended use</b>  | Research use only                                                                                                          |
| <b>Application</b>   | ICC/IF, IHC, WB                                                                                                            |
| <b>Reactivity</b>    | Bovine, Guinea pig, Human, Rat                                                                                             |

### Applications

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| <b>Immunocytochemistry (ICC)</b>             | Assay dependent                        |
| <b>Immunohistochemistry (IHC) - frozen</b>   | 1:10                                   |
| <b>Immunohistochemistry (IHC) - paraffin</b> | 1:10 (microwave treatment recommended) |
| <b>Western Blot (WB)</b>                     | Assay dependent                        |

### Background

Marker for the differentiation of 200 kD neurofilament peptide from other intermediate filament proteins. The antibody is useful for studying neurofilament expression and for tumor characterization (pheochromocytoma, paraganglioma, ganglioneuroblastoma, ganglioglioma and other tumors of neuronal origin).

Positive control: Human brain tissue.

### Product images



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