Mouse monoclonal antibody to Neurofilament Light [NF-68]: IgG

Catalogue No.:	M-987-100
Description:	Neurofilaments are composed of three intermediate filament proteins: light (68 kDa), medium (160 kDa) and heavy (200 kDa), which are involved in the maintenance of the neuronal caliber. Neurofilament light (NF68 or NF-L) is the most abundant of the three proteins. This antibody specifically recognises dephosphorylated NF68.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	Pig spinal cord
Clone:	NF-68
Other Names:	NF-L; NF68; NEFL; Neurofilament light polypeptide; NFL;
Accession:	P02547 NFL_PIG; P07196 NFL_HUMAN
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 µg/ml is recommended for WB. Pig NF68 has a predicted length of 549 aa and MW of 68 kDa. A concentration of 2.0-4.0 µg/ml is recommended to detect NF68 in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; pig;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

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