

Product datasheet

Anti-160 kD Neurofilament Medium antibody [RMO44] ab50284

★★★★☆ 3 Abreviews 2 References 画像数 1

製品の概要

製品名	Anti-160 kD Neurofilament Medium antibody [RMO44]
製品の詳細	Mouse monoclonal [RMO44] to 160 kD Neurofilament Medium
由来種	Mouse
特異性	This antibody recognizes a phosphate independent epitope in the rod (core) domain of 160kD Neurofilament Medium.
アプリケーション	適用あり: IHC-Fr, WB, ELISA, ICC, IHC-P
種交差性	交差種: Mouse, Rat, Human, Zebrafish, Apterionotus leptorhynchus
免疫原	Purified mid sized rat neurofilament (NF-M) subunit.
ポジティブ・コントロール	Extract of SHSy5y human neuroblastoma cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 15mM Sodium Azide Constituents: 0.01M PBS, pH 7.4
精製度	IgG fraction
特記事項(精製)	Purified IgG.
ポリモノ	モノクローナル
クローン名	RMO44
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab50284** in the following tested applications.

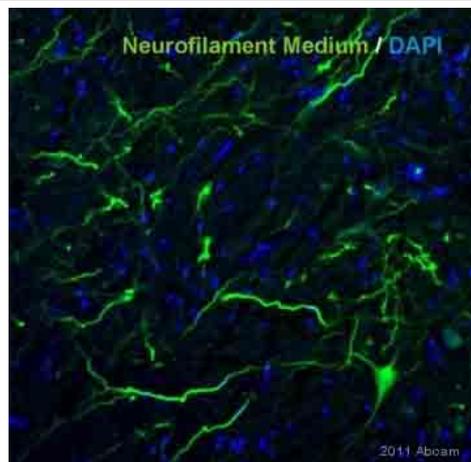
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★	Use at an assay dependent concentration.
WB	★★★★☆	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 102 kDa.
ELISA		Use at an assay dependent concentration.
ICC	★★★★☆	1/20.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

関連性	Neurofilaments are the 10nm or intermediate filament proteins found specifically in neurons, and are composed predominantly of three major proteins called neurofilament light (NF-L), neurofilament medium (NF-M) and neurofilament heavy (NF-H). Neurofilament medium runs on SDS-PAGE gels in the range 145-170 kDa, with some variation in different species. Antibodies to this protein are useful to identify neurons and their processes in tissue sections and in tissue culture. Neurofilament medium can also be useful in studies of neurofilament accumulations seen in many neurological diseases, such as Lou Gehrig's disease or Alzheimer's disease.
細胞内局在	Cytoplasm

画像



ab50284 staining 160 kD Neurofilament Medium in 16 µm thick sections of *Apteranotus leptoryhynchus* brain tissue by Immunohistochemistry (Frozen sections). Tissue was fixed with 2% paraformaldehyde, permeabilized using 0.3% Triton X-100, blocked with 3% sheep serum, 1% BSA, 1% teleostean gelatine in TBS and then incubated with ab50284 at a 1/200 dilution for 18 hours at 4°C. The secondary used was an Alexa-Fluor 488-conjugated goat anti-mouse polyclonal used at a 1/200 dilution.

Immunohistochemistry (Frozen sections) - Anti-160 kD Neurofilament Medium antibody [RMO44] (ab50284)
Image courtesy of Dr Ruxandra Sirbulescu by Abreview.

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