Neurofilament-L Recombinant Monoclonal Antibody [BLR224K]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_006149.2
Catalog No.	A700-224-T	Uniprot ID	P07196
Lot No.	1	GeneID	4747

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse, Rat
AMOUNT	20 µl
CONCENTRATION	250 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR224K
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 150 and 200 of human Neurofilament light using the numbering given in entry NP_006149.2 (Gene ID 4747).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	20 µl/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 or Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.

APPLICATION NOTES	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P). Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) with 5% Normal Pig Serum (Cat. No. S100-020) added to the blocking buffer.
IHC HUMAN CONTROLS	Brain, Glioblastoma, B35 Cells, SK-N-BE (2) Cells, U-251MG Cells
IHC MOUSE CONTROLS	Brain
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD
Date: January 19, 2024

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