Anti-Neurofilament L antibody (60-250) [S0MR] (STJ11103250)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

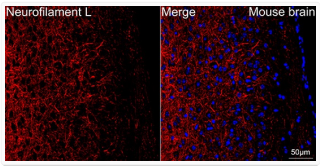
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:10000-1:400000 IHC-P:1:500-1:5000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 62kDa Observed Mw: 70kDa/
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

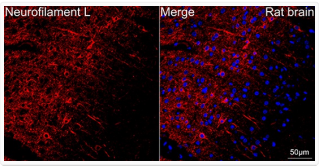
Gene ID	4747
Gene Symbol	NEFL
UniProt ID	NFL_HUMAN
Immunogen Region	60-250
Immunogen Sequence	SSGSLMPSLENLDLSQVAAI SNDLKSIRTQEKAQLQDLND RFASFIERVHELEQQNKVLE AELLVLRQKHSEPSRFRALY EQEIRDLRLAAEDATNEKQA LQGEREGLEETLRNLQARYE EEVLSREDAEGRLMEARKGA DEAALARAELEKRIDSLMDE ISFLKKVHEEEIAELQAQIQ YAQISVEMDVT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 60-250 of human Neurofilament L (NP_006149.2).

ADDITIONAL INFORMATION

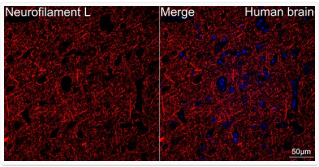
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



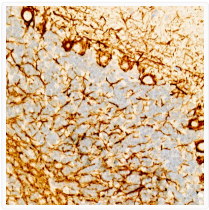
Confocal imaging of paraffin-embedded Mouse brain tissue using Neurofilament L Rabbit monoclonal antibody (STJ11103250, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.



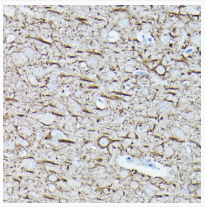
Confocal imaging of paraffin-embedded Rat brain tissue using Neurofilament L Rabbit monoclonal antibody (STJ11103250, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.



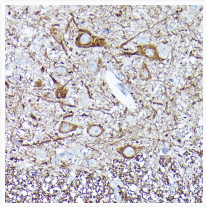
Confocal imaging of Human brain tissue using Neurofilament L Rabbit monoclonal antibody (STJ11103250, dilution 1:200) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with IF staining protocol.



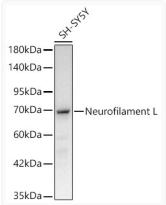
Immunohistochemistry analysis of Neurofilament L in paraffin-embedded mouse brain tissue using Neurofilament L Rabbit monoclonal antibody (STJ11103250) at a dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 0. 01M citrate buffer (pH 6. 0) prior to IF staining.



Immunohistochemistry analysis of Neurofilament L in paraffin-embedded rat brain using Neurofilament L Rabbit monoclonal antibody (STJ11103250) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Neurofilament L in paraffin-embedded mouse brain using Neurofilament L Rabbit monoclonal antibody (STJ11103250) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from SH-SY5Y cells using Neurofilament L Rabbit monoclonal antibody (STJ11103250) at 1:200000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime:30s.