

Anti-NEFM antibody (600-700) [S2MR] (STJ11101622)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

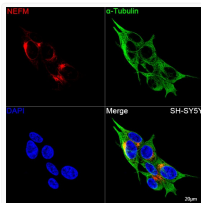
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 102kDa Observed Mw: 160kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

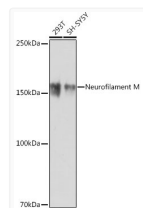
Gene ID	4741
Gene Symbol	NEFM
UniProt ID	NFM_HUMAN
Immunogen Region	600-700
Immunogen Sequence	ELVADAKVEKPEKAKSPVPK SPVEEKGKSPVPKSPVEEKG KSPVPKSPVEEKGKSPVPKS PVEEKGKSPVSKSPVEEKAK SPVPKSPVEEAKSKAEVGGK E
Specificity	A synthetic peptide corresponding to a sequence within amino acids 600-700 of human Neurofilament M (P07197).

ADDITIONAL INFORMATION

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



Confocal imaging of SH-SY5Y cells using Neurofilament M Rabbit monoclonal antibody (STJ11101622, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western blot analysis of various lysates using Neurofilament M Rabbit monoclonal antibody (STJ11101622) at 1:1000 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. Exposure time: 1s.