

Recombinant NSE Monoclonal Antibody

catalog number: **AN301611L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

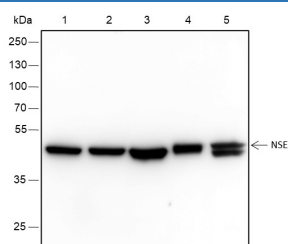
Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human NSE fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A314
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

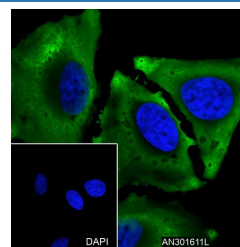
WB	1:500-1:2000
IF	1:50-1:200
FCM	1:50-1:100
IP	1:25-1:100

Data

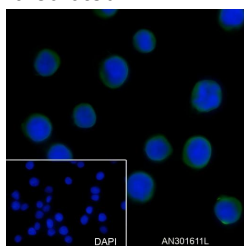


Western Blot with NSE Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: SH-SY5Y, Lane 3: U87-MG, Lane 4: Mouse brain, Lane 5: Rat brain

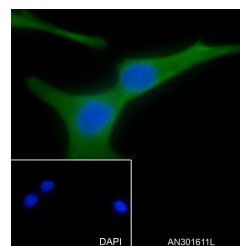
Observed-MW:47 kDa
Calculated-MW:47 kDa



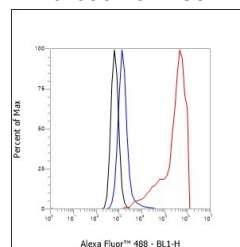
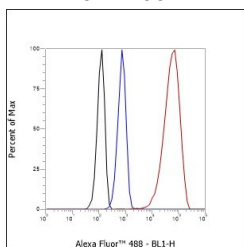
Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-NSE Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Ramos cells using anti-NSE Monoclonal Antibody at dilution of 1:200.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH/3T3 cells using anti-NSE Monoclonal Antibody at dilution of 1:50.



For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

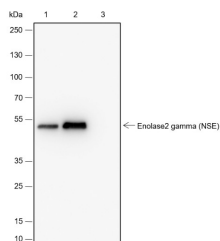
Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.0

Flow cytometric analysis of human NSE expression on HeLa cells. Cells were stained with purified anti-Human NSE, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Flow cytometric analysis of human NSE expression on U-87 MG cells. Cells were stained with purified anti-Human NSE, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-NSE Monoclonal Antibody. Western blot was performed from the immunoprecipitate using NSE Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Rabbit monoclonal IgG Isotype, Lane 3: NSE Monoclonal Antibody

Observed-MW:47 kDa

Calculated-MW:47 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.0