

CATALOGUE #: 4N6

PRODUCT NAME: Monoclonal mouse anti-neuron specific enolase (NSE)

MAbs *in vivo*: 5G10, 5E2, 1C1, H11

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Purified NSE from human brain

Specificity: Human NSE, gamma-gamma subunits

MAb isotypes: IgG2a for 5E2, 1C1, H11
IgG2b for 5G10

Applications: MAbs are working in ELISA, Western blotting and in immunohistochemistry on formalin-fixed and paraffin-embedded sections.

Recommended pairs for sandwich immunoassay:

Capture	Detection
5G10	1C1
5E2	1C1
1C1	5E2

Purification: Protein A chromatography for 1C1
Protein G chromatography for 5G10, 5E2, H11

Presentation: 50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09% sodium azide (NaN₃) for 1C1
PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for 5G10, 5E2, H11

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.