

Code No. 11031

**Anti-  
NSE (3-3-C) Mouse IgG MoAb**Volume : 1 mL

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**Introduction** : Enolase is an enzyme in glycolysis system and the protein consists of dimer structure selected from three subunits  $\alpha$ ,  $\beta$  and  $\gamma$ . As  $\alpha\gamma$  and  $\gamma\gamma$  enolase exists such as in neuron cell and axis cylinder process, they are called "Neuron specific enolase (NSE)".

Recently, it becomes appear that NSE exists in neuroendocrine cell found in each internal organs, so it is known as tumor marker which is useful for study of small cell lung carcinoma, neuroblastoma and neuroendocrine tumors.

**Antigen** : NSE  $\gamma\gamma$ **Source** : Mouse-Mouse hybridoma  
(X63 - Ag 8.653  $\times$  BALB/c mouse spleen cells, supernatant)**Clone** : 3-3-C                      **Subclass** : IgG<sub>1</sub>**Purification** : Affinity purified with Protein A**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN<sub>3</sub>**How to use** : 1.0 mL deionized water will be added to the product, then its concentration comes to 250  $\mu$ g/mL**Stability** : Lyophilized product, 5 years at 2 - 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after formic acid treatment\*<sup>1</sup> by several techniques such as Avidin Biotin Complex (ABC) Method. The optimal dilution is 200-fold, however, the concentration should be optimized by each laboratory.

: This antibody can be used for western blotting in 200-fold dilution.