ARG62565
anti-NSE / Neuron Specific Enolase antibody [5E2]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [5E2] recognizes NSE / Neuron Specific Enolase
Tested Reactivity	Hu
Tested Application	ELISA, FACS, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	5E2
Isotype	IgG2a
Target Name	NSE / Neuron Specific Enolase
Species	Human
Immunogen	Purified full length native protein (Human)
Conjugation	Un-conjugated
Alternate Names	Neural enolase; NSE; Enolase 2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; HEL-S-279; Neuron-specific enolase; EC 4.2.1.11

Application Instructions

Application Note	WB: 1/100 - 1/2000 IHC: 1/10 - 1/500 IHC-P: 1/100 - 1/300 ELISA: 1/100 - 1/2000 * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Protein G purified
Buffer	PBS (pH 7.4) and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2026 Human Swiss-port # P09104 Human
Gene Symbol	ENO2
Gene Full Name	enolase 2 (gamma, neuronal)
Background	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates. [provided by RefSeq, Jul 2008]
Function	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 (By similarity). [UniProt]
Research Area	Cancer antibody; Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	47 kDa