ENO2 monoclonal antibody, clone 171

Catalog # MAB6784 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant ENO2.
Immunogen	Recombinant protein corresponding to human ENO2.
Host	Mouse
Reactivity	Human
Specificity	This antibody reacts with recombinant human ENO2.
Form	Lyophilized
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ENO2

Entrez GeneID	2026
Gene Name	ENO2
Gene Alias	NSE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Description	enolase 2 (gamma, neuronal)
Omim ID	131360
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	2-phospho-D-glycerate hydrolyase|enolase 2|neural enolase|neuron specific gamma enolase|neuron-specific enolase

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- RNA degradation

Disease

- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Genetic Predisposition to Disease
- Neuroblastoma
- Schizophrenia

Copyright © 2023 Abnova Corporation. All Rights Reserved.