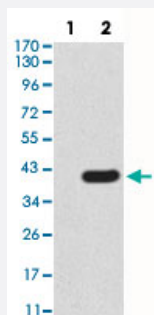


NOTCH3 monoclonal antibody, clone 3E2D9

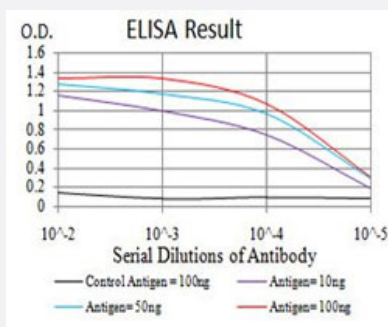
Catalog # MAB17842 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) Notch3-hlgFc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NOTCH3 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human NOTCH3.
Immunogen	Recombinant protein corresponding to amino acids 47-156 of human NOTCH3 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	243.6
Reactivity	Human
Form	Liquid
Isotype	IgG2a

Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) Notch3-hlgFc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NOTCH3 monoclonal antibody.

Gene Info — NOTCH3

Entrez GeneID	4854
Gene Name	NOTCH3
Gene Alias	CADASIL, CASIL
Gene Description	Notch homolog 3 (Drosophila)
Omim ID	125310 600276
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the third discovered human homologue of the Drosophila melanogaster type I membrane protein notch. In Drosophila, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). [provided by RefSeq]
Other Designations	Notch homolog 3

Pathway

- [Dorso-ventral axis formation](#)
- [Notch signaling pathway](#)

Disease

- [Brain Infarction](#)
- [Brain Ischemia](#)
- [CADASIL](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dominance](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Ischemic Attack](#)

- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Neuropsychological Tests](#)
- [Ovarian Neoplasms](#)
- [Periodontal Diseases](#)
- [Schizophrenia](#)