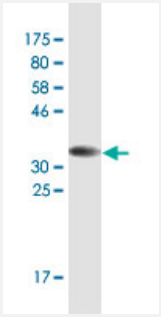
NOTCH3 monoclonal antibody (M01A), clone 1G5

Catalog # H00004854-M01A Size 200 uL

Applications



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NOTCH3.
Immunogen	NOTCH3 (NP_000426, 47 a.a. ~ 156 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SPCANGGRCTQLPSREAACLCPPGWVGERCQLEDPCHSGPCAGRGVCQSSVVAGTARFSCR CPRGFRGPDCSLPDPCLSSPCAHGARCSVGPDGRFLCSCPPGYQGRSCR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — NOTCH3

Entrez GeneID	4854
GeneBank Accession#	NM_000435
Protein Accession#	NP_000426
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 Drosophilia melanogaster type I membrane protein notch. In Drosophilia, notch interaction with its cell-bound ligands (delta, serrat e) establishes an intercellular signalling pathway that plays a key role in neural development. Hom ologues 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 su bcortical 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