

Mouse Monoclonal Antibody to Notch3

Catalogue Number	sAP-1205
Target Molecule	Name: Notch3 Aliases: IMF2; CASIL; CADASIL MW: 243.6kDa Entrez Gene ID: 4854
Description	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).;
Immunogen	Purified recombinant fragment of human Notch3 (AA: 47-156) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2E4D11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Cancer Res. 2014 Jun 15;74(12):3282-93. ; 2.PLoS One. 2013 Dec 18;8(12):e84659.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**