

## Mouse Monoclonal Antibody to Notch3

<b>Catalogue Number</b>	sAP-1241
<b>Target Molecule</b>	<p><b>Name: Notch3</b></p> <p><b>Aliases:</b> IMF2; CASIL; CADASIL</p> <p><b>MW: 243.6kDa</b></p> <p><b>Entrez Gene ID: 4854</b></p>
<b>Description</b>	<p>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). ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human Notch3 (AA: 47-156) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM3E2D9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cancer Res. 2014 Jun 15;74(12):3282-93. ; 2.Int J Cancer. 2013 Dec 1;133(11):2577-86.;

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**