

bsm-51148M**[Primary Antibody]****NOTCH3 Mouse mAb****Bioss**
ANTIBODIES

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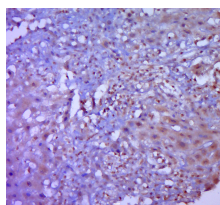
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— DATASHEET —

Host: Mouse	Isotype: IgG	Applications: WB (1:100-500) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Predicted MW.: 255 kDa Subcellular Location: Cell membrane ,Nucleus
Clonality: Monoclonal	CloneNo.: 6G2	
GeneID: 4854	SWISS: Q9UM47	
Target: NOTCH3		
Immunogen: KLH conjugated synthetic peptide derived from human NOTCH3: 2291-2321.		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NOTCH3) Polyclonal Antibody, Unconjugated (bs-51148M) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0024) for 20 minutes and DAB staining.