

Mouse polyclonal antibody to human Notch 2: whole serum

Catalogue No.: Mo-933-50

Description: Notch 2 functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to

regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBP-J kappa and activates genes of the enhancer of split locus. Notch 2 is cleaved in the trans-Golgi network, and presented on the cell surface as a heterodimer. It is expressed in the brain, heart, kidney, lung, skeletal muscle and liver. Defects in Nothch 2 are the cause of Alagille syndrome type 2 which is a multisystem disorder defined by hepatic bile duct paucity and cholestasis in association

with cardiac, skeletal and opthalmologic manifestations.

Batch No.: See product label

Unit size: 50 uL

Antigen: Partial recombinant human Notch 2 (26-136) with a GST tag.

Other Names: Neurogenic locus notch homolog protein 2; hN2; NOTCH2

Accession: NOTC2_HUMAN

Produced in: Mouse

Purity: Whole serum

Applications: This antibody is recommended for WB and ELISA. Biosensis recommends optimal

dilutions/concentrations should be determined by the end user.

Specificity: Specificity has been confirmed by WB and direct ELISA against the antigen.

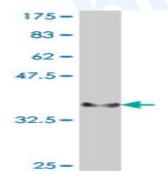
Cross-reactivity: Human. Other species have not been tested.

Form: Liquid. 50% glycerol

Storage: Keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent.

Avoid repetitive freeze/thaw cycles.

Expiry Date: 12 months after purchase



Western blot detection of GST tagged recombinant human Notch 2. Note the GST tag alone is 26 kDa.