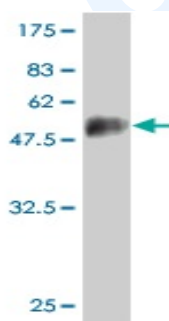


## Mouse monoclonal antibody to human Noggin [4C9]: IgG

<b>Catalogue No.:</b>	M-880-100
<b>Description:</b>	Noggin is a secreted homodimer essential for cartilage morphogenesis and joint formation. It is an inhibitor of bone morphogenic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite. Defects in Noggin are a cause of symphalangism proximal syndrome (SYM1), of multiple synostoses syndrome 1 (SYNS1), of the tarsal-carpal coalition syndrome (TCC), of stapes ankylosis with broad thumb and toes, and of brachydactyly type B2 (BDB2).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human Noggin (amino acids 28-232) with GST tag.
<b>Clone:</b>	4C9
<b>Other Names:</b>	NOG
<b>Accession:</b>	NOGG_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB, and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western blot detection of GST tagged recombinant human Noggin.

FOR RESEARCH USE ONLY