

ARG54130 anti-Noggin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes NOG
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Specificity	ARG54130 Noggin antibody [1D2-G8-G1] recognize overexpressing Noggin protein by WB and ICC/IF analysis.
Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Target Name	Noggin
Species	Human
Immunogen	Purified recombinant human Noggin protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	SYM1; Noggin; SYNS1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	26 kDa	

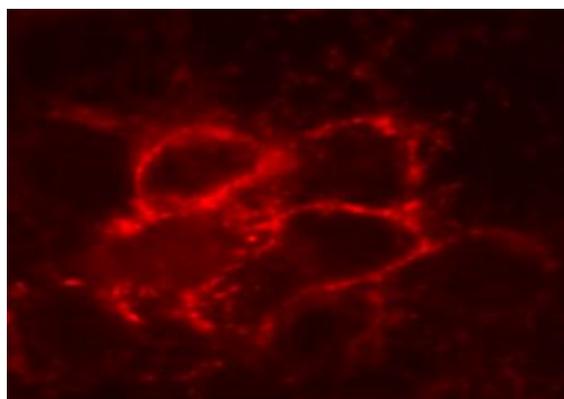
Properties

Form	Liquid
Buffer	Ascites
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

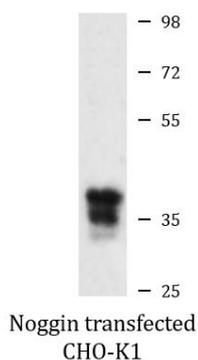
Database links	GeneID: 9241 Human Swiss-port # Q13253 Human
Gene Symbol	NOG
Gene Full Name	noggin
Background	Essential for cartilage morphogenesis and joint formation. Inhibitor of bone morphogenetic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite.
Function	Inhibitor of bone morphogenetic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite. Essential for cartilage morphogenesis and joint formation. Inhibits chondrocyte differentiation through its interaction with GDF5 (PubMed:21976273). [UniProt]
Research Area	Controls and Markers antibody; Developmental Biology antibody; Signaling Transduction antibody
Calculated Mw	26 kDa
Cellular Localization	Secreted.

Images



ARG54130 anti-Noggin antibody ICC/IF image

Immunofluorescence: HeLa cells surface-expressing Noggin-PDGFR transmembrane domain fused protein stained with ARG54130 anti-Noggin antibody at 1:100 dilution.



ARG54130 anti-Noggin antibody WB image

Western blot: CHO-K1 transfected by Noggin and stained with ARG54130 anti-Noggin antibody at 1:1000 dilution.