

À des fins de recherche uniquement

Anticorps Monoclonal anti-Noggin

Numéro de catalogue: CL488-69010



Informations de base

Numéro de catalogue:

CL488-69010

Taille:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1118

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

9241

Nom complet:

noggin

Méthode de purification:

Purification par protéine G

CloneNo.:

2A11C1

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain

Informations générales

Noggin is an extracellular polypeptide acting as an antagonist of bone morphogenetic proteins (BMPs) regulating embryonal development. Noggin inhibits activity of BMP-2, -4, -7, -13, and -14. Noggin is present extracellularly in the matrix or retained at the cell surface via interaction with heparin sulfate proteoglycans. In early development stages, Noggin is produced by the Spemann organizer, allowing dorsal-ventral patterning of BMPs (PMID: 8752214). Subsequently, Noggin is expressed by the notochord regulating BMP-4 signaling in neurogenesis. Additionally, Noggin is present during development in the dermal papilla, connective tissue of the hair follicle, lens, retina, and perocular mesenchyme, as well as in the mesoderm lineage regulating development of the bone, cartilage, and muscles.

This antibody is used to Block/Neutralize Noggin protein.

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

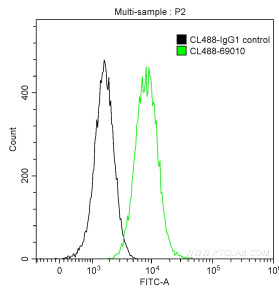
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ PC-3 cells were stained with 0.5 ug CoraLite® Plus 488-conjugated Noggin antibody (CL488-69010, Clone: 2A11C1) (green), or 0.5 ug isotype control (black). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.