

Nur für Forschungszwecke

# Noggin Monoklonaler Antikörper

Katalog-Nr.:CL488-69010



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-69010	<b>GenBank-Zugangsnummer:</b> GeneID (NCBI): 9241	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von Nanodrop;	<b>Vollständiger Name:</b> noggin	<b>CloneNo.:</b> 2A11C1
<b>Wirt:</b> Maus		<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG1		
<b>Immunogen Katalognummer:</b> HZ-1118		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

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 periocular 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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

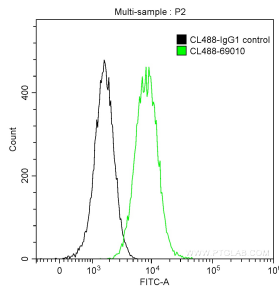
For technical support and original validation data for this product please contact:

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

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> 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.