

**MAC130Hu22**  
**Monoclonal Antibody to Noggin (NOG)**  
**Organism Species: Homo sapiens (Human)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

**[ PRODUCT INFORMATION ]**

**Immunogen:** NOG, Human

**Clonality:** Monoclonal

**Clone number:** F7

**Host:** Mouse

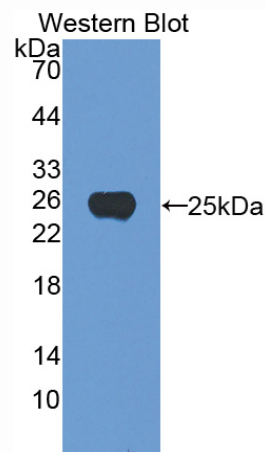
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F, ELISA

**Concentration:** 500µg/mL

**UOM:** 200µg



*Sample: Recombinant NOG, Human*

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant NOG (Gln28~Cys232) expressed in *E.coli*.

**Accession No.:** RPC130Hu01

**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGS-QHY LHIRPAPSDN LPLVDLIEHP DPIFDPKED LNETLLRSL  
GGHYDPGFMA TSPPEDRPGG GGAAGGAED LAELDQLLRQ RPSGAMPSEI  
KGLEFSEGLA QGKKQRLSKK LRRKLQMWLW SQTFCVLYA WNDLGSRFWP  
RYVKVGSCFS KRSCSVPEGM VCKPSKSVHL TVLRWRCQRR GGQRCGWIFI  
QYPIISECKC SC

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a mouse monoclonal antibody raised against NOG. It has been selected for its ability to recognize NOG in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE ]**

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.