

---

**Product Name: NGB Mouse Monoclonal Antibody****Catalog #: AMM82905**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	16.9kDa

**Antigen Information**

<b>Gene Name</b>	NGB
<b>Alternative Names</b>	NGB
<b>Gene ID</b>	58157.0
<b>SwissProt ID</b>	Q9NPG2
<b>Immunogen</b>	Purified recombinant fragment of human NGB(AA: full 1-151) expressed in E. Coli.

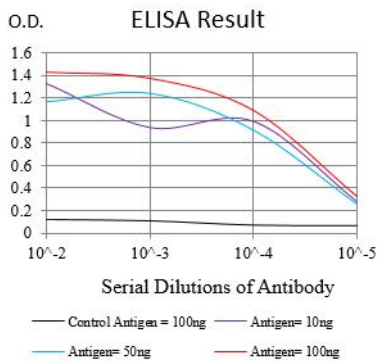
**Background**

This gene encodes an oxygen-binding protein that is distantly related to members of the globin gene family. It is highly conserved among other vertebrates. It is expressed in the central and peripheral nervous system where it may be involved in increasing oxygen availability and providing protection under hypoxic/ischemic conditions.

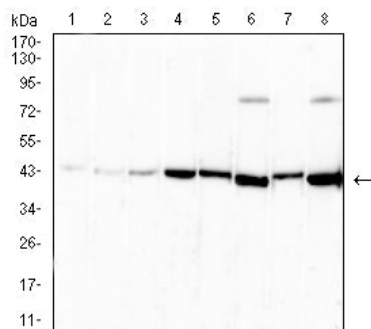
## Research Area

Apoptosis

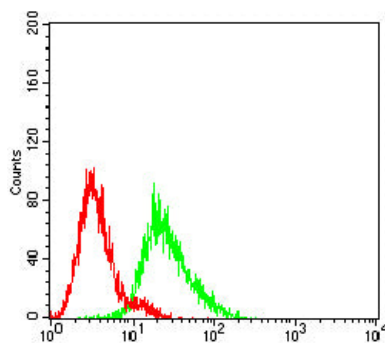
## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using NGB mouse mAb against Rat liver (1), Mouse liver (2), Mouse brain (3) tissue lysate, and A549 (4),HUVEC (5),Hela (6),U251 (7), HepG2 (8) cell lysate.



Flow cytometric analysis of HT-29 cells using NGB mouse mAb (green) and negative control (red).