

NGB Monoclonal Antibody

Description

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|--------------------------------|--|
| Product type | Antibody |
| Code | BT-MCA4696 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human NGB(AA: full 1-151) expressed in E. Coli. |
| Mol wt | 16.9kDa |
| Species reactivity | Human,Mouse,Rat |
| Clonality | Monoclonal |
| Recommended application | WB,FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | N/A |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

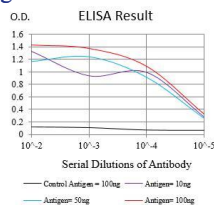
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

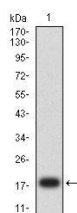
ELISA: 1:10000

Not yet tested in other applications.

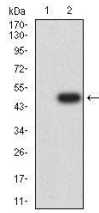
Images



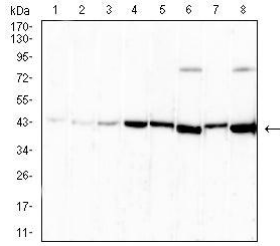
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



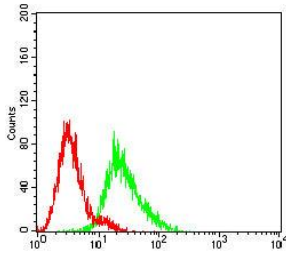
Western blot analysis using NGB mAb against human NGB (AA: full 1-151) recombinant protein.
(Expected MW is 19.8 kDa)



Western blot analysis using NGB mAb against HEK293-6e (1) and NGB (AA:full 1-151)-hlgGFc transfected HEK293-6e (2) cell lysate.



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).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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