BioVendor - Laboratorní medicína a.s.
Karásek 1767/1, 621 00 Brno, Czech Republic
+420 549 124 185
info@biovendor.com
sales@biovendor.com
www.biovendor.com

PRODUCT DATA SHEET

Neuroglobin Human, Mouse Monoclonal Antibody, Clone: 13C8

Cat. No.: RD182043100-C8
Size: 0.1 mg
Source of Antigen: E. coli
Type: Monoclonal Antibody
Host: Mouse
Isotype: IgG1

Other Names:
NGB

Preparation:
The antibody is a mouse monoclonal antibody against recombinant Human Neuroglobin.

Amino Acid Sequence of Immunogen:

The immunization antigen (17 kDa) is a protein containing 150 AA of recombinant Human Neuroglobin and one extra AA, N-terminal methionin (highlighted).

MERPEPELIR QSWRAVSRSP LEHGTVLFAR LFALEPDLLP LFQYNCRQFS SPEDCLSSPE FLDHIRKVML VIDAAVTNVE DLSSLEEYLA SLGRKHRAVG VKLSSFSTVG ESLLYMLEKC LGPAFTPATR AAWSQLYGAV VQAMSRGWDG E

The amino acid sequence of the recombinant Human Neuroglobin is 100% homologous with the amino acid sequence of the Human Neuroglobin

Purification Method:
Affinity chromatography on a column with immobilized protein G.

Species Reactivity:
Human. Not yet tested in other species.

Antibody Content:
0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:
The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. **AZIDE FREE**.

Reconstitution:
Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:
At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:
The lyophilized antibody remains stable and fully active until the expiry date when stored at –20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at –80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:
Indirect ELISA – to determine titer of the antibody
SDS PAGE – to determine purity of the antibody
BCA - to determine quantity of the antibody

Applications:
Immunohistochemistry

Note:
This product is for research use only.