



AVISCERA BIOSCIENCE

Anti-Human NGAL (Neutrophil Gelatinase-Associated Lipocalin) Monoclonal Antibody

Product Information

| | |
|----------------|---|
| Code | A00233-08-100 |
| Name | Human NGAL Mab |
| Clone No. | 1B1D5 |
| Lot No. | |
| Size | 100 µg |
| Species | Human |
| Host | Mice |
| Immunogen | NGAL (H), rec. |
| Ab Type | Mouse IgG |
| Purification | Sequential precipitation |
| Formulation | lyophilized Form without preservatives free |
| Carry | |
| Storage | -20 ° C |
| Specificity | Human |
| Reconstitution | PBS, 100 µl |
| Application | ELISA(Capture) |

AVISCERA BIOSCIENCE INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
Tel: (408) 982 0300
Fax: (408) 982 0301
Email:
Sales@AvisceraBioscience.com
www.AvisceraBioscience.com

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, *E. Coli*- derived, recombinant human NGAL/LCN2 mature form. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

Formulation

Lyophilized from a 100 µg of mouse IgG in 100 µl of solution in phosphate-buffered saline (PBS) .

Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg /100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted (by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for up six months without detectable loss of activity.

Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize human NGAL/LCN2 in direct ELISA.

Applications

Direct ELISA - This antibody can be used as antibody at 1:2048000 with the appropriate detection antibody to detect recombinant human NGAL/LCN2.

ELISA Assay - This antibody can be used as a detection reagent in a human NGAL/Lipocalin 2 sandwich immunoassay in combination with the human NGAL/Lipocalin 2 capture antibody (Code No.: A00233-08-100) and recombinant human NGAL/Lipocalin 2 (Code No.: 00233-01-100) as the standard. The suggested concentration range for this capture antibody is 0.5 µg/mL and should be titrated to determine the optimal concentration.

Optimal dilutions should be determined by each laboratory for each application.

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.