



# AVISCERA BIOSCIENCE

## Anti-Rat NGAL ( Neutrophil Gelatinase-Associated Lipocalin) Monoclonal Antibody

### Product Information

Code	A00233-10-100
Name	Rat NGAL Mab
Clone No.	2B12G6E6
Lot No.	
Size	100 µg
Species	Rat
Host	Mice
Immunogen	NGAL (rat), rec.
Ab Type	Mouse IgG
Purification	Protein G
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Rat
Reconstitution	PBS, 100 µl
Application	ELISA

AVISCERA BIOSCIENCE INC.  
2348 Walsh Ave. Suite C  
Santa Clara, CA 95051  
USA  
Tel: (408) 982 0300  
Fax: (408) 982 0301  
Email:  
[Info@AvisceraBioscience.com](mailto:Info@AvisceraBioscience.com)  
[www.AvisceraBioscience.com](http://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 recombinant human NGAL/LCN2 mature form. That antibody was purified by protein G affinity.

### Formulation

Lyophilized from a 100 µg of Anti Rat NGAL/LCN2 Monoclonal Antibody 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 to 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 to 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 rat NGAL/LCN2 on indirect ELISA.

### Applications

**Indirect ELISA** - This antibody can be used as antibody at 1:8000 (0.125 µg/ml) with the appropriate detection antibody to detect recombinant rat NGAL/LCN2 on indirect ELISA.

**ELISA Assay** - This antibody can be used as a detection reagent in a rat NGAL/Lipocalin 2 sandwich immunoassay in combination with the rat NGAL/Lipocalin 2 capture antibody (Code No.: A00233-02-100) and recombinant rat NGAL/Lipocalin 2 (Code No.: 00233-02-100) as the standard. The suggested concentration range for this capture antibody is 2-4 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.