



AVISCERA BIOSCIENCE

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

Product Information

Code	A00233-09-100
Name	Rat NGAL Mab
Clone No.	2E4B1G2
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

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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.