



# AVISCERA BIOSCIENCE

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

### Product Information

Code	A00233-05-100
Name	Human NGAL Mab
Clone No.	1H9F7
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

### 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 1:16000 with the appropriate detection antibody to detect recombinant human NGAL/LCN2.

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

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