



Anti-Rat Neutrophil Gelatinase-Associated Lipocalin (NGAL) IgG

Product Information

Code	A00233-02-100
Name	Rat NGAL Pab
Clone No.	polyclonal
Lot No.	
Size	100 µg
Species	rat
Host	Rabbit
Immunogen	NGAL (rat), rec.
Ab Type	IgG
Purification	Protein A affinity
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Rat, Mouse
Reconstitution	PBS, 100 µl
Application	ELISA WB IHC

ORDER INFORMATION

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Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant rat NGAL mature form. That antibody was purified with Protein A affinity.

Formulation

100 µg of rabbit anti-rat NGAL IgG in 100 µl of PBS without preservatives was lyophilized.

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 rat NGAL in direct ELISAs and western blots as well as immunohistochemistry.

Applications

Direct ELISA - This antibody can be used at 1: 2000 (0.5 µg/mL) with the appropriate secondary reagents to detect recombinant rat NGAL mature form.

Western blot - This antibody can be used at 1: 500 ~ 1000 [1~2 µg/mL] with the appropriate secondary reagents to detect recombinant rat NGAL under reduce condition . The detection limit for rec. rat NGAL, approximately at 10 ng/lane under reducing conditions.

Immunohistochemistry-That Antibody can be used at 1: 1000 (1 µg/ml)with the appropriate secondary antibody to detect NGAL in rat and mouse kidney tissues (ABC).

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

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