

**Anti-NGAL (rat)****Mouse monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

**ABS 039-32**

Clone: 32

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SPECIFICITY	ABS 039-32 binds rat NGAL (neutrophil gelatinase-associated lipocalin)
IMMUNOGEN	Recombinant rat NGAL precursor
TESTED APPLICATIONS	ELISA, WB
SPECIES REACTIVITY (POSITIVE)	Rat
SPECIES REACTIVITY (NEGATIVE)	Human, pig, dog, mouse
EPI TOPE SPECIFICITY	Not determined

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PRESENTATION	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Content:	Protein-A purified
Preparation:	Liquid
Form:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Solvent:	4-8°C without exposure to light. No precautions necessary during handling.
Storage:	

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APPLICATION	<b>ELISA:</b> ABS 039-32 binds free rat NGAL in solution. ABS 039-32 (as biotinylated detection antibody) forms a sandwich ELISA pair with ABS 039-15 (as capture antibody) for measuring rat NGAL, (measuring range 4-400 pg/mL in an optimized assay). <b>WB:</b> ABS 039-32 can be used in Western blotting.
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TARGET	Rat NGAL, so called because it is the ortholog of human neutrophil gelatinase-associated lipocalin (NGAL), is also called lipocalin 2, 25-kDa alpha 2-microglobulin-related protein or neu-related lipocalin. It is expressed by neutrophils and various epithelial cells, including tubular cells of the kidney. It is involved in physiological processes such as the binding of siderophore iron and tissue growth and regeneration. It is upregulated in a variety of pathological situations including infection, inflammation, renal injury and certain adenocarcinomas.
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## REFERENCES

## CONDITIONS

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