

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

Subclass: IgG1/k

CAT. NO.

ABS 048-28

Clone: 28

SPECIFICITY	ABS 048-28 binds pig NGAL (neutrophil gelatinase-associated lipocalin)
IMMUNOGEN	Recombinant pig NGAL
TESTED APPLICATIONS	ELISA, WB, IHC-P
SPECIES REACTIVITY (POSITIVE)	Pig
SPECIES REACTIVITY (NEGATIVE)	Human, dog, mouse, rat
EPITOPE SPECIFICITY	Not determined

PRESENTATION

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

APPLICATION

ELISA: ABS 048-28 binds free pig NGAL in solution. ABS 048-28 (as biotinylated detection antibody) forms a sandwich ELISA pair with ABS 048-17 (as capture antibody) for measuring porcine NGAL.

WB: ABS 048-28 can be used in Western blotting.

IHC: ABS 048-28 detects NGAL in paraffin-embedded sections in the cytoplasm of renal tubular cell from pig.

TARGET

Pig neutrophil gelatinase-associated lipocalin (NGAL; also called lipocalin 2 or siderocalin) may, by analogy with its homologues in other mammalian species, be released from activated neutrophils in inflammation or infection, from certain epithelial cancers, and more dramatically, from renal tubular cells in response to ischemic or nephrotoxic injury.

REFERENCES**CONDITIONS**

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