

Anti-NGAL (pig)

CAT. NO. ABS 048-28

OVERVIEW

Product Name	Anti-NGAL (pig)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	28
Tested Applications	ELISA, WB, IHC		

SPECIFICITY

Specificity	ABS 048-28 binds pig NGAL (neutrophil gelatinase-associated lipocalin).		
Immunogen	Recombinant pig NGAL	Gene ID	100153501
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.		
Species Reactivity POSITIVE	Pig	Species Reactivity NEGATIVE	Human, Dog, Mouse, Rat

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL ±15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

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.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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