Anti-NGAL (pig)

CAT. NO. ABS 048-28B

OVERVIEW

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

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**	0,15 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 0.14 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 (as biotinylated detection antibody, concentration 1-2 µg/ml) forms a sandwich ELISA pair with ABS 048-17 (as capture antibody, concentration 1-2 µg/ml) for measuring porcine NGAL.

SCIENTIFIC REFERENCES

N/A