

Anti-NGAL (dog)

CAT. NO. ABS 047-14B

OVERVIEW

Product Name	Anti-NGAL (dog)	Conjugation	Biotin
Description	Mouse monoclonal antibody, biotinylated	Host	Mouse
Isotype	IgG2b/k	Clone	14
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 047-14 binds dog NGAL (neutrophil gelatinase-associated lipocalin).		
Immunogen	Recombinant dog NGAL	Gene ID	491320
Target	Dog 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	Dog	Species Reactivity NEGATIVE	Human, Mouse, Rat

PROPERTIES

Form	Liquid	Unit Size	0,15 mL
Concentration	1 mg/mL \pm 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 047-14 (as biotinylated detection antibody) forms a sandwich ELISA pair with ABS 047-17 (as capture antibody) for measuring dog NGAL, giving a detection limit of 5 pg/mL in an unoptimized buffer assay.
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SCIENTIFIC REFERENCES

N/A

CONDITIONS

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