

Anti-NGAL (monkey)

CAT. NO. ABS 063-68B

OVERVIEW

Product Name	Anti-NGAL (monkey)	Conjugation	Biotin
Description	Mouse monoclonal antibody, biotinylated	Host	Mouse
Isotype	IgG1/k	Clone	68
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 063-68 reacts with NGAL (neutrophil gelatinase-associated lipocalin) from <i>Macaca mulatta</i> (Rhesus) and <i>Macaca fascicularis</i> (Cynomolgus).		
Immunogen	Recombinant monkey NGAL	Gene ID	697208
Target	Monkey 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	Monkey	Species Reactivity	Not determined
POSITIVE		NEGATIVE	

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 063-68 (as a biotinylated detection antibody) forms a sandwich ELISA pair with ABS 063-56 (as a capture antibody) for measuring monkey NGAL. (1)
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SCIENTIFIC REFERENCES

1. Bangert et al (2013) The Monomer is the Major Form of NGAL in Urine and Plasma in Severe Sepsis *J Am Soc Nephrol* 24: 368A

CONDITIONS

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