

## Anti-NGAL (dog)

CAT. NO. ABS 047-17

### OVERVIEW

<b>Product Name</b>	Anti-NGAL (dog)	<b>Conjugation</b>	Unconjugated
<b>Description</b>	Mouse monoclonal antibody	<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a/k	<b>Clone</b>	17
<b>Tested Applications</b>	ELISA, WB, IHC		

### SPECIFICITY

<b>Specificity</b>	ABS 047-17 binds dog NGAL (neutrophil gelatinase-associated lipocalin).		
<b>Immunogen</b>	Recombinant dog NGAL	<b>Gene ID</b>	491320
<b>Target</b>	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.		
<b>Species Reactivity POSITIVE</b>	Dog	<b>Species Reactivity NEGATIVE</b>	Human, Mouse, Rat

### PROPERTIES

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

### TESTED APPLICATIONS

<b>ELISA</b>	ABS 047-17 binds free dog NGAL. ABS 047-17 (as capture antibody) forms a sandwich ELISA pair with ABS 047-14 (as biotinylated detection antibody) for measuring dog NGAL, giving a detection limit of 5 µg/mL in an unoptimized buffer assay.
<b>WB</b>	ABS 047-17 can be used in Western blotting.
<b>IHC</b>	ABS 047-17 works in IHC on formalin-fixed, paraffin-embedded sections. ABS 047-17 binds dog NGAL (neutrophil gelatinase-associated lipocalin).

### SCIENTIFIC REFERENCES

N/A

#### CONDITIONS

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