

Anti-NGAL (mouse)**Rat monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

ABS 043-10

Clone: 10

SPECIFICITY	ABS 043-10 binds NGAL (neutrophil gelatinase-associated lipocalin) in mouse serum.
IMMUNOGEN	Recombinant mouse NGAL
TESTED APPLICATIONS	ELISA, WB
SPECIES REACTIVITY (POSITIVE)	Mouse
SPECIES REACTIVITY (NEGATIVE)	Human, pig, dog, rat
EPITOPE SPECIFICITY	Not determined

PRESENTATION

Content:	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION

ELISA: ABS 43-10 binds free mouse NGAL in solution.

ABS 043-10 forms an antibody pair for sandwich ELISA with ABS 043-29. It is recommended to use ABS 043-10 as capture antibody and biotinylated ABS 043-29 as detection antibody.

WB: ABS 043-10 can be used in Western blotting.

TARGET

Mouse neutrophil gelatinase-associated lipocalin (NGAL; also called lipocalin 2, 24p3, SIP24, uterocalin and siderocalin) is a member of the lipocalin family of proteins which bind and transport small lipophilic molecules. 24p3 was observed to be dramatically upregulated in kidney cell cultures infected with SV40 and subsequently identified as a lipocalin. Unlike human NGAL, it is an acute phase protein upregulated in the liver. but like its mammalian homologues it is upregulated and secreted by the kidney in response to ischemic or nephrotoxic injury. It is also upregulated in the involuting uterus and mammary gland.

REFERENCES

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.