



# Magic™ Anti-LCN2 monoclonal antibody, clone N92530-C [Biotin] (DCABY-4576)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Upon encountering invading bacteria the toll-like receptors on immune cells stimulate the synthesis and secretion of NGAL. Secreted NGAL then limits bacterial growth by sequestering iron-containing siderophores.
<b>Specificity</b>	It binds human NGAL
<b>Immunogen</b>	NGAL antibody was raised in Mouse using Recombinant human NGAL as the immunogen
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N92530-C
<b>Purification</b>	NGAL antibody was purified from cell culture supernatant by protein A/G chromatography
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA Pr*, WB Suggested pair for sandwich ELISA (Capture - Detection): <a href="#">DCABY-4568</a> - DCABY-4576
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Supplied in 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
<b>Preservative</b>	15mM Sodium Azide

**Storage**

Store at 4-8 °C without exposure to light

## GENE INFORMATION

Gene Name	<a href="#">LCN2 lipocalin 2 [ Homo sapiens ]</a>
Official Symbol	LCN2
Synonyms	LCN2; lipocalin 2; 24p3; MSFI; NGAL; neutrophil gelatinase-associated lipocalin; p25; lipocalin-2; oncogene 24p3; siderocalin LCN2; migration-stimulating factor inhibitor; 25 kDa alpha-2-microglobulin-related subunit of MMP-9;
Entrez Gene ID	<a href="#">3934</a>
Protein Refseq	<a href="#">NP_005555</a>
UniProt ID	<a href="#">P80188</a>
Chromosome Location	9q34
Function	iron ion binding; protease binding; protein homodimerization activity; small molecule binding; transporter activity;