

## NGAL (Capture Ab)

Catalogue No.: abx019241

NGAL (Capture Ab) is a capture antibody for use in WB, LF and ELISA assays. Use abx019242 as a detection antibody. Lipocalin-2 (LCN2), also known as oncogene 24p3 or neutrophil gelatinase-associated lipocalin (NGAL), is a protein associated with neutrophil gelatinase. The 25-kD LCN2 protein is believed to bind small lipophilic substances such as bacteria-derived lipopolysaccharide (LPS) and formylpeptides and may function as a modulator of inflammation. Upon encountering invading bacteria the toll-like receptors on immune cells stimulate the synthesis and secretion of lipocalin-2. Secreted lipocalin-2 then limits bacterial growth by sequestering iron-containing siderophores. Lipocalin-2 also functions as a growth factor.

<b>Target:</b>	NGAL
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Tested Applications:</b>	ELISA, WB, LF
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Immunogen:</b>	Recombinant human NAGL.
<b>Purity:</b>	> 95% by HPLC & SDS-PAGE.
<b>Purification:</b>	Protein A or G purified.
<b>Form:</b>	Liquid
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#">P80188</a> <a href="#">B2ZDQ1</a>
<b>GeneID:</b>	<a href="#">3934</a>
<b>Gene Symbol:</b>	LCN2
<b>OMIM:</b>	<a href="#">600181</a>

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<b>HGNC:</b>	6526
<b>Ensembl:</b>	ENSG00000148346
<b>Concentration:</b>	5.36 mg/ml
<b>Buffer:</b>	0.01 M PBS (pH 7.4). Does not contain preservatives.
<b>Note:</b>	This product is for research use only.