

**Product Name: Lipocalin 2 (4C12) Mouse Monoclonal Antibody**  
**Catalog #: AMM03321**

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## Summary

<b>Production Name</b>	Lipocalin 2 (4C12) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	LCN2
<b>Alternative Names</b>	LCN2; 24p3; MSFI; NGAL; Lipocalin-2; p25; Siderocalin; SV40 induced 24P3 protein; Uterocalin
<b>Gene ID</b>	3934
<b>SwissProt ID</b>	P80188.

## Application

<b>Dilution Ratio</b>	ELISA: 1:10000
<b>Molecular Weight</b>	-

## Background

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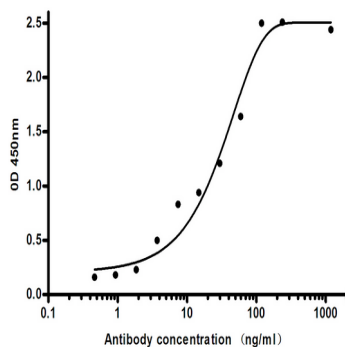


Lipocalin-2 is involved in innate immunity, iron homeostasis, and apoptosis. Lipocalin-2 limits bacterial growth by binding to bacterial siderophores and sequestering iron. Binds iron through association with 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin, and delivers or removes iron from the cell, depending on the context.

## Research Area

Immunology

## Image Data



Indirect ELISA assay for antiNGAL mouse mAb. Antigen coating concentration: 4ug/ml.

## Note

For research use only.