

Product Name: Lipocalin 2 (2F6) Mouse Monoclonal Antibody
Catalog #: AMM03319

Summary

Production Name	Lipocalin 2 (2F6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	ELISA
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

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

Application

Dilution Ratio	ELISA: 1:10000
Molecular Weight	-

Background

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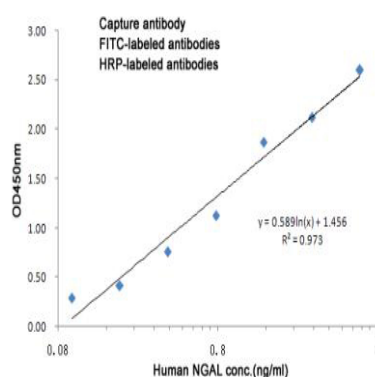


Lipocalin-2 is involved in innate immunity, iron homeostasis, and apoptosis. Lipocalin-2 limits bacterial growth by binding to bacterial siderophores and sequestering iron. Binds iron through association with 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with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

Research Area

Immunology

Image Data



AntiFITC mouse mAb was used to capture FITClabeled NGAL mouse mAb (2011793C6), HRPlabeled NGAL mouse mAb (2011792F6) was used for detecting.

Note

For research use only.