Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human Lipocalin-2/NGAL mAb

Catalog No.: RMK0440

Basic Information

Catalog No.
RMK0440

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

This gene encodes a protein that belongs to the lipocalin family. Members of this family transport small hydrophobic molecules such as lipids, steroid hormones and retinoids. The protein encoded by this gene is a neutrophil gelatinase-associated lipocalin and plays a role in innate immunity by limiting bacterial growth as a result of sequestering iron-containing siderophores. The presence of this protein in blood and urine is an early biomarker of acute kidney injury. This protein is thought to be be involved in multiple cellular processes, including maintenance of skin homeostasis, and suppression of invasiveness and metastasis. Mice lacking this gene are more susceptible to bacterial infection than wild type mice.

Immunogen Information

Immunogen
Recombinant Human Lipocalin-2/NGAL Protein

Cross-Reactivity

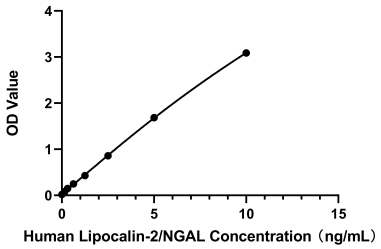
Human

Assay Applications

Human Lipocalin-2/NGAL Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	0.5-2 μg/mL	Rabbit anti-Human Lipocalin-2/NGAL mAb (Cat. No. RMK0439)
	Detection	0.02-0.005 μg/mL	Rabbit anti-Human Lipocalin-2/NGAL mAb (Cat. No. RMK0440)
	Standard	0.16-10 ng/mL	Recombinant Human Lipocalin-2/NGAL/LCN2 Protein (Cat. No. RP00022)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.