

Rabbit anti- Human Lipocalin-2/NGAL mAb

Catalog No.: RMK0439

Basic Information

Catalog No.
RMK0439

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG


Purification
Affinity purification


Endotoxin Level

Storage
Store at -20°C.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um 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 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

Cross-Reactivity

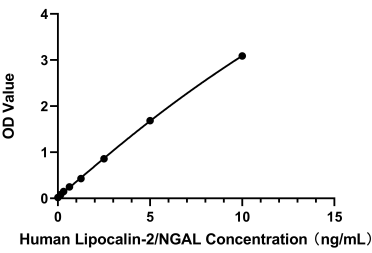
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Assay Applications

Human Lipocalin-2/NGAL ELISA

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

Validation Data



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