

Anti-Monkey Lipocalin-2/NGAL Rabbit PolymAb®

Catalog No.: A28941PM

Basic Information

Observed MW

Calculated MW

23 kDa

Category

Primary antibody

Applications

IHC-P

Cross-Reactivity

Cynomolgus monkey

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.

Recommended Dilutions

IHC-P 1:500 - 1:2000

Immunogen Information

Gene ID

3934/16819

Swiss Prot

P80188/P11672

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

p25; 24p3; MSFI; NGAL; Lipocalin-2/NGAL; AW212229; NRL; Sip24

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

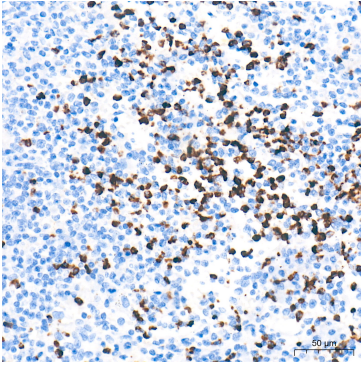
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey spleen tissue using Anti-Monkey Lipocalin-2/NGAL Rabbit PolymAb® (A28941PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.