

## CAB23033

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### Product Information

<b>Product SKU:</b>	CAB23033	<b>Gene ID:</b>	3934	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC58965	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	23kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	23kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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 Dilution:** WB, 1:2000 - 1:6000

**Synonyms:** p25; 24p3; MSFI; NGAL; Lipocalin-2/NGAL

**Purification Method:** Affinity purification

**Immunogen:** A synthesized peptide derived from human Lipocalin-2/NGAL.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.