
Product Name: Lipocalin-2/NGAL Rabbit Monoclonal Antibody**Catalog #: AMRe86926**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200,ICC/IF 1:100-1:200
Molecular Weight	Calculated MW:23 kDa; Observed MW:23 kDa

Antigen Information

Gene Name	Lipocalin-2/NGAL
Alternative Names	p25; 24p3; MSFI; NGAL
Gene ID	3934
SwissProt ID	P80188
Immunogen	A synthetic peptide of human Lipocalin-2/NGAL

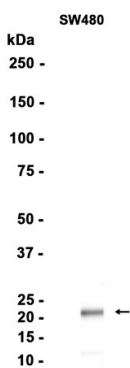
Background

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. [provided by RefSeq, Sep 2015]

Research Area

Image Data



Western blot analysis of extracts from SW480 cells using Lipocalin-2/NGAL Rabbit Monoclonal Antibody at 1:1000.