Recombinant Lipocalin-2/LCN2 Monoclonal Antibody

catalog number: AN300308P

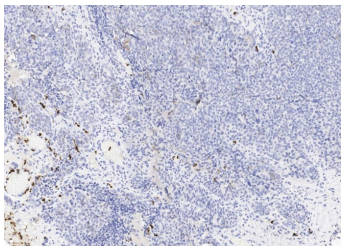
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

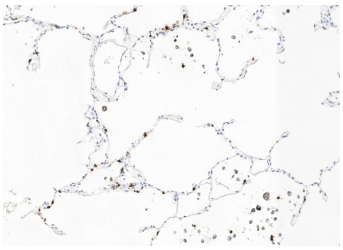
Reactivity	Human
Immunogen	Recombinant Human Lipocalin-2/LCN2 Protein
Host	Rabbit
Isotype	IgG
Clone	7F10
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:500-1:2000

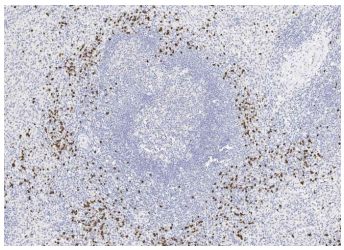
Data



Immunohistochemistry of paraffin-embedded human ovarian cancer using Lipocalin-2/LCN2 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human lung using Lipocalin-2/LCN2 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human spleen using Lipocalin-2/LCN2 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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.

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