BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Lipocalin-1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0846
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of Lipocalin-1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Lipocalin-1
Synonyms	LCN1; VEGP; Lipocalin-1; Tear lipocalin; Tlc; Tear prealbumin; TP; Von Ebner gland protein; VEG protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9.

Recommended Dilution

ELISA: 1:10000

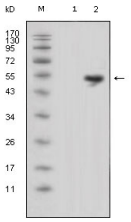
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

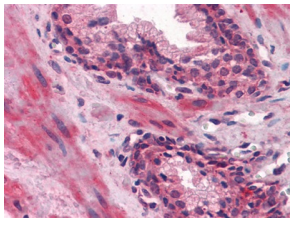
WB: 1:500 - 1:2000

Not yet tested in other applications.

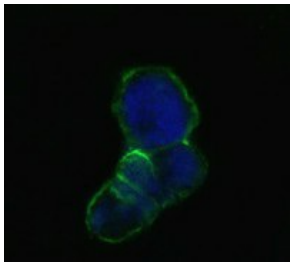
Images



Western Blot analysis using Lipocalin-1 Monoclonal antibody against HEK293 (1) and LCN1-hIgGFc transfected HEK293 cell lysate (2).



Immunohistochemistry analysis of paraffin-embedded human Prostate tissues with AEC staining using Lipocalin-1 Monoclonal antibody.



Confocal immunofluorescence analysis of methanol-fixed HEK293 cells trasfected with LCN1-hIgGFc using Lipocalin-1 Monoclonal antibody (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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