



LCN1 Mouse Monoclonal Antibody

E10-20329

Background: LCN1: lipocalin 1 (tear prealbumin), also known as TP, PMFA, VEGP. Entrez Protein: NP_002288. The protein belongs to the lipocalin family. Lipocalins are a group of extracellular proteins that are able to bind lipophiles by enclosure within their structures to minimize solvent contact. This protein may bind hydrophobic ligands and inhibit cysteine proteinases. It may also play a role in taste reception and could be necessary for the concentration and delivery of sapid molecules in the gustatory system.

Catalog Number: E10-20329

Amount: 100µg/100µl

Clone Number: 10B10

Species: Mouse IgG1

MW: 19.2kDa

Aliases: TP; PMFA; VEGP

Entrez Gene: 3933

Immunogen: Purified recombinant fragment of LCN1 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB ,IHC IF,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB:1/500 - 1/2000.IHC:1/200-1/1000,IF:1/200 - 1/1000.ELISA: Propose dilution 1/10000.

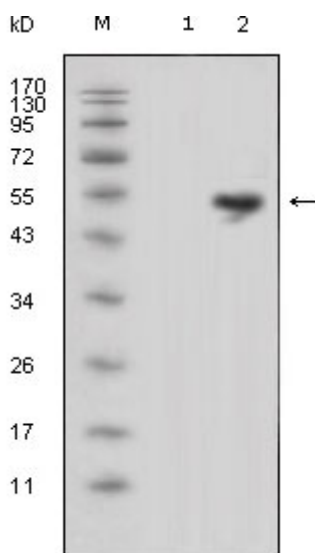


Figure 1: Western blot analysis using LCN1 mouse mAb against HEK293 (1) and LCN1-hlgGfc transfected HEK293 cell lysate (2).

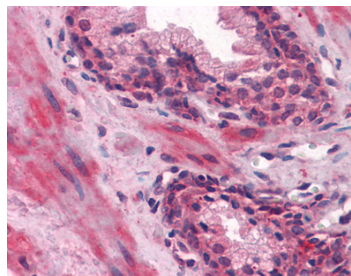


Figure 2: Immunohistochemical analysis of paraffin-embedded human Prostate tissues using LCN1 mouse mAb

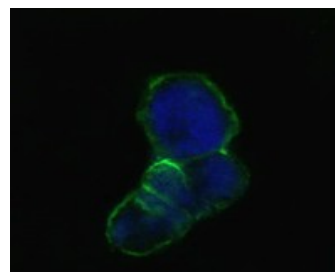


Figure 3: Confocal immunofluorescence analysis of methanol-fixed HEK293 cells transfected with LCN1-hlgGfc using LCN1 mouse mAb(green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

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