

Product Name: PAPLN Mouse Monoclonal Antibody**Catalog #: AMM81269**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	137.7kDa

Antigen Information

Gene Name	PAPLN
Alternative Names	Papilin
Gene ID	89932.0
SwissProt ID	O95428
Immunogen	Purified recombinant fragment of human PAPLN (AA: 766-870) expressed in E. Coli.

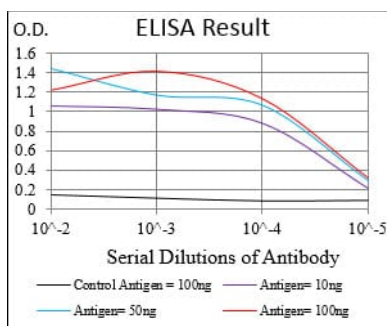
Background

Papilin is an extracellular matrix glycoprotein involved in, thin matrix layers during gastrulation, matrix associated with wandering, phagocytic hemocytes, basement membranes and space-filling matrix during Drosophila development. Determination of its cDNA sequence led to the identification of Caenorhabditis and mammalian papilins. A

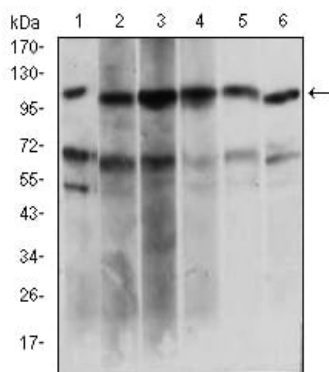
distinctly conserved 'papilin cassette' of domains at the amino-end of papilins is also the carboxyl-end of the ADAMTS subgroup of secreted, matrix-associated metalloproteinases; this cassette contains one thrombospondin type 1 (TSR) domain, a specific cysteine-rich domain and several partial TSR domains. In vitro, papilin non-competitively inhibits procollagen N-proteinase, an ADAMTS metalloproteinase.

Research Area

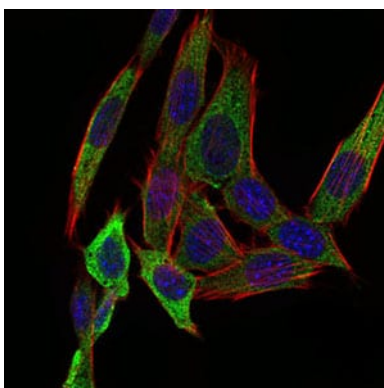
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using PAPLN mouse mAb against Hela (1), HepG2 (2), OCM-1 (3), Raji (4), Jurkat (5), NIH/3T3 (6) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using PAPLN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.