

Mouse Monoclonal Antibody to PAPLN

Catalogue Number	sAP-0852
Target Molecule	Name: PAPLN Aliases: Papilin MW: 137.7kDa Entrez Gene ID: 89932
Description	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 <i>Drosophila</i> development. Determination of its cDNA sequence led to the identification of <i>Caenorhabditis</i> 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. <i>In vitro</i> , papilin non-competitively inhibits procollagen N-proteinase, an ADAMTS metalloproteinase. ; ;
Immunogen	Purified recombinant fragment of human PAPLN (AA: 766-870) expressed in E. Coli.
Recitative Species	Human; Mouse;
Clone	MM5B2E5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Biochem Cell Biol. 2004 Jun; 36(6):1079-84. ; 2. Development. 2000 Dec;127(24):5475-85. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**