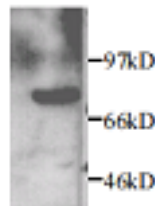


Mmp2

Rabbit Anti-Rat MMP-2 pAb

Catalog No.	CPM600	Quantity:	200 µg
Alternate Names:	72 kDa type IV collagenase, Matrix Metalloproteinase 2, 72 kDa gelatinase, Gelatinase A		
Description:	The mammalian matrix metalloproteinases (MMPs) degrade extracellular matrix in physiological and pathological processes. After cleavage of a signal peptide domain of about 20 amino acids, the MMPs are secreted in latent forms. Upon activation, the N-terminal propeptide domain is cleaved to generate the active forms of MMP. MMP-2 contain the basic structure of propeptide, catalytic, and hemopexin domains. It is an important proteinase in tissue remodeling.		
UniProt ID:	P33436		
Gene ID:	81686		
Specificity:	Rat MMP2		
Host:	Rabbit		
Immunogen:	<i>E. coli</i> -expressed active rat 72-kDa type IV collagenase, (catalytic domain)		
Isotype:	IgG		
Formulation:	Lyophilized from PBS containing 0.1% sodium azide. PPE is recommended when working with products containing sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl H ₂ O.		
Cross-Reactivity:	No cross-reactivity with other MMP family members. Cross-reactivity to MMP2 of other species has not been determined.		
Application Notes:	Western blot: suggested dilution 1:2000. Immunohistochemistry: suggested dilution 1:100. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term storage. For long term storage, prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

Detection of rat MMP2 in rat fetal tissue lysate.



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