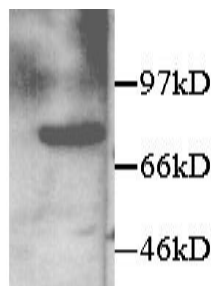


Mmp2

Rabbit Anti-Rat Matrix Metalloproteinase 2 pAb

Catalog No.	CPM600	Quantity:	200 µg
Alternate Names:	Matrix Metalloproteinase 2, Collagenase Type IV-A, Neutrophil Gelatinase, CLG4, CLG4A, MMP-II, MONA, TBE-1		
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 (72 kDa type IV collagenase, Gelatinase-A) contain the basic structure of propeptide, catalytic, and hemopexin domains. It is an important proteinase in tissue remodeling.		
Gene ID:	81686		
Specificity:	Rat MMP2		
Host:	Rabbit		
Immunogen:	Recombinant Rat 72-kDa type IV collagenase, active (catalytic domain)		
Isotype:	IgG		
Formulation:	Lyophilized. Contains 0.1% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/mL by adding 200 µl H ₂ O.		
Cross-Reactivity:	Reacts with Rat MMP2. No cross-reactivity with other MMP family members. Cross-reactivity to MMP2 of other species has not been determined.		
Applications:	Western blot : working dilution of 1:2000 immunoprecipitation: working dilution of 1:500. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-4°C for short term storage. For longer term, store in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		



Detection of rat MMP-2
in rat fetus tissue lysate

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

