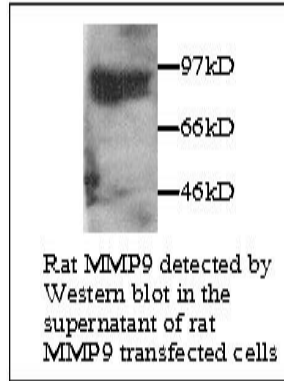


Mmp9

Rabbit Anti-Rat MMP-9 pAb

Catalog No.	CPM601	Quantity:	200 µg
Alternate Names:	Matrix metalloproteinase-9, 92 kDa type IV collagenase, 92 kDa type IV gelatinase, gelatinase B, GELB		
Description:	Rabbit Anti-Rat Matrix Metalloproteinase 9 polyclonal antibody. 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. MMP9 contains the basic structure of propeptide, catalytic, and hemopexin domains. It is an important proteinase in tissue remodeling.		
UniProt ID:	P50282		
Gene ID:	81687		
Specificity:	Rat MMP9		
Host:	Rabbit		
Immunogen:	<i>E. coli</i> -expressed active rat 92 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. Add 200 µl sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1 mg/ml.		
Cross-Reactivity:	No cross-reactivity to other rat MMP family members. Cross reactivity to MMP-9 of other species has not been determined.		
Application Notes:	Western blot: suggested dilution 1:2,000. Immunohistochemistry: suggested dilution 1:500. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term storage or at -20°C to -80°C in working aliquots for long term storage. Avoid repeated freeze-thaw cycles.		





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