



anti-MMP9 Rabbit Polyclonal antibody

Catalog No.	EM12095-01	EM12095-02
Size	50µl	100µl

Species reactivity: Human Rat Mouse **Molecular Weight:** 78KD

Background:The matrix metalloproteinases (MMPs) are a family of proteases that target many extracellular proteins including other proteases, growth factors, cell surface receptors and adhesion molecules (1). Among the family members, MMP-2, MMP-3, MMP-7 and MMP-9 have been characterized as important factors for normal tissue remodeling during embryonic development, wound healing, tumor invasion, angiogenesis, carcinogenesis and apoptosis (2-4). MMP activity correlates with cancer development (2). One mechanism of MMP regulation is transcriptional (5). Once synthesized, MMP exists as a latent proenzyme. Maximum MMP activity requires proteolytic cleavage to generate active MMPs by releasing the inhibitory propeptide domain from the full length protein (5).

Immunogen:Recombinant protein of human MMP9

Purification:Affinity purification

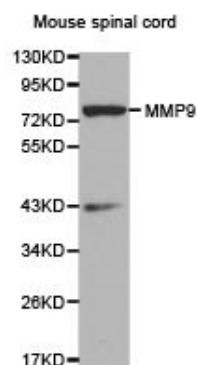
Application: WB 1:500-1:3000 IHC 1:50-1:200 ICC 1:50-1:200

Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 ° C.Stable for 12 months from date of receipt

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of extracts of mouse spinal cord cell lines, using MMP9 antib