



anti-MMP2 Rabbit Polyclonal antibody

Catalog No.	EM16247-01	EM16247-02
Size	50 μ l	100 μ l

Species reactivity: Human Rat Mouse **Molecular Weight:** 74KD

Background: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. Mutations in this gene have been associated with Winchester syndrome and Nodulosis-Arthropathy-Osteolysis (NAO) syndrome. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen: Recombinant protein of human MMP2

Purification: Affinity purification

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

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

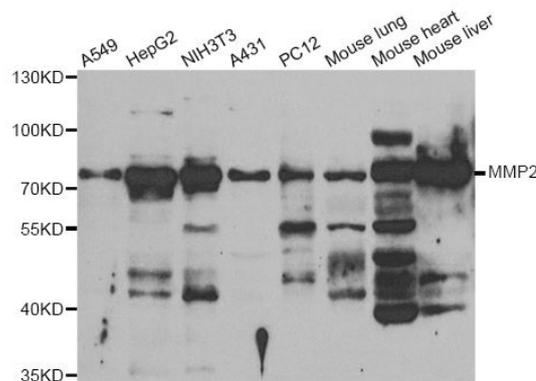
Form: Liquid ,1mg/ml

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.

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Western blot analysis of extracts of various cell lines, using MMP2 antibody.