



## anti-MMP2 Rabbit Polyclonal antibody

Catalog No.	EM51724-01	EM51724-02
Size	50µl	100µl

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

**Background:** MMP2 Ubiquitous metalloproteinase that is involved in diverse functions such as remodeling of the vasculature, angiogenesis, tissue repair, tumor invasion, inflammation, and atherosclerotic plaque rupture. As well as degrading extracellular matrix proteins, can also act on several nonmatrix proteins such as big endothelial 1 and beta-type CGRP promoting vasoconstriction. Also cleaves KISS at a Gly-I-Leu bond. Appears to have a role in myocardial cell death pathways.

**All Names:** 72 kDa gelatinase; 72 kDa type IV collagenase; CLG4; CLG4A; collagenase type IV-A; Gelatinase A; matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase); Matrix metalloproteinase-2; matrix metalloproteinase-II; MMP2; MMP11; M

**Immunogen:** A synthesized peptide derived from human MMP2.

**Purification:** Immunogen affinity purified

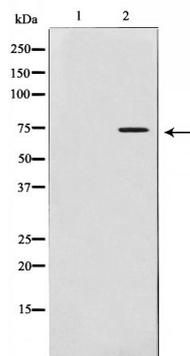
**Application:** WB 1:500-1:3000

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 on LOVO cell lysate using MMP2 antibody, The lane on the left is treated with the antigen-specific peptide.