

MMP2 Antibody

Catalog No: #29090

Package Size: #29090-1 50ul #29090-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

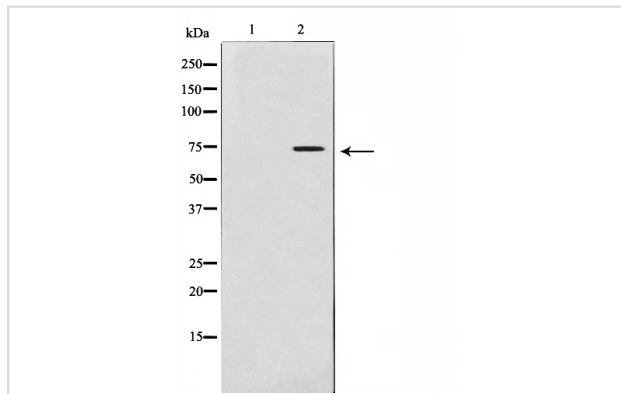
Description

| | |
|-----------------------|---|
| Product Name | MMP2 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Immunogen affinity purified |
| Applications | WB |
| Species Reactivity | Hu Ms Rt |
| Specificity | MMP2 Antibody detects endogenous levels of MMP2 |
| Immunogen Type | Peptide |
| Immunogen Description | A synthesized peptide derived from human MMP2 |
| Target Name | MMP2 |
| Other 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 |
| Accession No. | Swiss-Prot#: P08253 |
| SDS-PAGE MW | 74KD |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C/1 year |

Application Details

WB 1:500-1:2000

Images



Western blot analysis on LOVO cell lysate using MMP2 Antibody

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-|-Leu bond. Appears to have a role in myocardial cell death pathways.

Published Papers

el at., The effect of BMP9 on inflammation in the early stage of pulpitisIn J Appl Oral Sci On 2023 Jan 23 by Tianzhu Song, Xiangfen Li et al.. PMID: 36700591, (2023)

[PMID:36700591](#)

el at., Honokiol inhibits bladder cancer cell invasion through repressing SRCi expression and epitheliali ζ • esenchymal transition. In Oncol Lett on 2017 Oct by Lan Shen, Fang Zhang, et al.. PMID: 28943942, (2017)

[PMID:28943942](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.