

## MMP-1 (mouse) Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250750

**Unit:** 0.1 mg

**Description:**

Matrix metalloproteinase family members 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. Matrix metalloproteinase-1 (Interstitial collagenase A/B or MMP-1) cleaves collagens of types I, II and III. This antibody is specific for mouse MMP-1.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** M, R

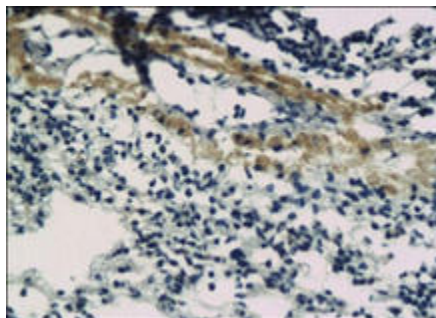
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Interstitial collagenase A; Mcol-A; Matrix metalloproteinase-1a; MMP-1a; Mmp1a; McolA; Interstitial collagenase B; Mcol-B; Matrix metalloproteinase-1b; MMP-1a; Mmp1b; McolB

**Accession No.:** Q9EPL5, Q9EPL6

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse MMP-1.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



**MMP-1 staining in mouse lung. Paraffin-embedded mouse lung is stained with MMP-1 Antibody (Cat. No. 250750).**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

**Product Citations:** [1] Cheung Y et al.2012. Journal of Biological Chemistry. 287:41032-41043. PMID# 23060436 [2] Bonta P.I. et al. 2012. Cardiovasc Res. 84(3):561-568.PMID# 20189954. [3] Ma W. et al. 2009. PLoS ONE 4(11): e7945.PMID# 19936204.

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