

MMP-11 Rabbit Monoclonal Antibody

Catalog #: EAB21703

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|-------------------|----------|-------------------|
| Rabbit IgG | Monoclonal | WB, IHC-P, IF/ICC | 55 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|------------|
| WB(Western Blotting) | 1:500-2000 |
| IHC-P(Immunohistochemistry-Paraffin) | 1:100-500 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:100-500 |

Product Information

| | |
|----------------|--|
| Conjugate | Unconjugate |
| Specificity | MMP-11 Rabbit Monoclonal Antibody detects endogenous levels of MMP-11 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P24347 |
| Entrez-Gene ID | 4320 |

Product Description

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. However, the enzyme encoded by this gene is activated intracellularly by furin within the constitutive secretory pathway. Also in contrast to other MMP's, this enzyme cleaves alpha 1-proteinase inhibitor but weakly degrades structural proteins of the extracellular matrix.

For Reserch Use Only. Not For Use In Diagnostic Procedures