

Anti-MMP-11 Polyclonal Antibody

CATALOG #:	3531R-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 464 of mouse MMP-11 (Internal ID# BV-C25)
SPECIES REACTIVITY:	Human, Mouse, Rat

FORMULATION:

100 µg (0.5 mg/ml) immunoaffinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND:

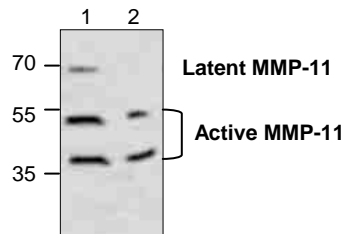
The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

SPECIFICITY:

The antibody recognizes the latent form (~68 kDa) and the active forms (~55 kDa and ~40 kDa) of MMP-11 from human, mouse, and rat origins.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (3531RBP-50) is available separately.



Cat.#: 5681-100
Western blot analysis of MMP-11 in Jurkat cell lysate (Lane 1 & 2).

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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Monoclonal and Polyclonal Antibodies

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