

Anti-MMP-11 Polyclonal Antibody

CATALOG NO: 3531R-30T 30 µg (Trial size)
3531R-100 100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 464 of mouse MMP-11 (Internal ID# BV-C25)

SPECIES REACTIVITY: Human, Mouse, Rat

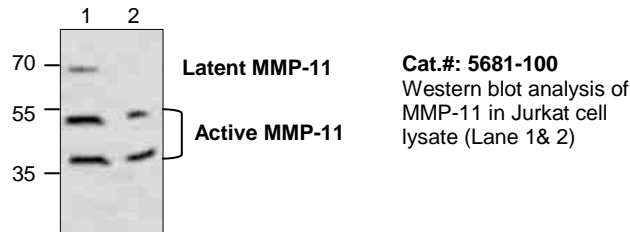
FORMULATION:
0.5 mg/ml immunoaffinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw 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), and Immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (3531RBP-50) is available separately.



FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- MMP-1 Antibody (Cat. No. 5781-100)
- MMP-11 Antibody (Cat. No. 3531-100)
- MMP-12 Antibody (Cat. No. 3532-100)
- MMP-12 Antibody (Cat. No. 3532R-100)
- MMP-12 Antibody (Cat. No. 3732-100)
- MMP-12 Blocking Peptide (Cat. No. 3532RBP-50)
- MMP-12 Blocking Peptide (Cat. No. 3732BP-50)
- MMP-13 Antibody (Cat. No. 3533-100)
- MMP-13 Blocking Peptide (Cat. No. 3533BP-50)
- MMP-17 Antibody (Cat. No. 3537-100)
- MMP-2 Antibody (Cat. No. 5562-100)
- MMP-24 Antibody (Cat. No. 3534-100)
- MMP-3 Antibody (Cat. No. 5783-100)
- MMP-3 Antibody (Cat. No. 3523-100)
- MMP-3 Antibody (Cat. No. 3523R-100)
- MMP-3 Blocking Peptide (Cat. No. 3523RBP-50)
- MMP-8 Antibody (Cat. No. 3528-100)
- MMP-8 Antibody (Cat. No. 3528R-100)
- MMP-8 Blocking Peptide (Cat. No. 3528RBP-50)
- MMP-9 Antibody (Cat. No. 3529-100)
- MMP-9 Antibody (Cat. No. 3969-200)
- MMP-9 Antibody (Cat. No. 5565-100)
- MMP-9, human recombinant (Cat. No. 7789-10, 50, 1000)
- MMP19 Antibody (Cat. No. 3669-100)
- MMP17 Antibody (Cat. No. 3537-100)
- MMP-3 Activity Fluorometric Assay Kit (Cat. No. K783-100)
- MMP-3 Inhibitor Screening Kit (Fluorometric) (Cat. No. K793-100)