Catalog # 4314-MSM1
Product Datasheet

MMP3 (Marker of Metastasis and Rheumatoid Arthritis) Antibody

Mouse Monoclonal Antibody [Clone 1B4]

Catalog No	Format	Size
4314-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4314-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4314-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

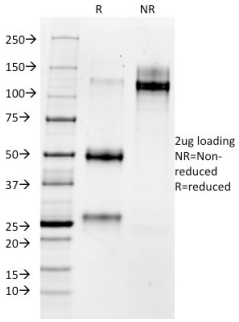
Applications	Tested Dillution	Note

Product Details

Clone	1B4
Gene Name	MMP3
Immunogen	Recombinant fragment corresponding to amino acids 317-327 of human MMP3.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Lambda
Mol. Weight of Antigen	57kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	A431 cells. Prostate or Lung Carcinoma.

**Optimal dilution for a specific application should be determined.*

Product Images for MMP3 (Marker of Metastasis and Rheumatoid Arthritis) Antibody



SDS-PAGE Analysis of Purified MMP3 Mouse Monoclonal Antibody (1B4).
Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

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-3, MMP-10 and MMP-11 (also designated stromelysin-1, 2 and 3, respectively) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

Supplied As

200ug/ml of Ab Purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Angiogenesis, Cardiovascular, Cytokine Signaling, Immunology, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.