

## ARG62555 anti-MMP3 antibody [SL-1 ID3]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SL-1 ID3] recognizes MMP3
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	SL-1 ID3
Isotype	IgG1
Target Name	MMP3
Species	Human
Immunogen	APMA (4-Aminophenylmercuric acetate) activated Human stromelysin-1 (SL-1).
Conjugation	Un-conjugated
Alternate Names	Transin-1; CHDS6; EC 3.4.24.17; SL-1; STMY1; Matrix metalloproteinase-3; STR1; STMY; MMP-3; Stromelysin-1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	WB	1:400
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Conditioned, serum-free medium from TPA treated human Endometrial cells.	

### Properties

Form	Liquid
Purification	Purified Antibody
Buffer	1X PBS and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 4314 Human</a> <a href="#">Swiss-port # P08254 Human</a>
Gene Symbol	MMP3
Gene Full Name	matrix metalloproteinase 3
Background	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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq, Jul 2008]
Function	Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans. Activates procollagenase. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	54 kDa