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Built Around Immunology

Anti-MMP13 Rabbit mAb [62G36]

Catalog No.: A52217

Basic Information

Catalog No. (Cat.No.)	A52217
Host species	Rabbit
Reactivity	Human,Mouse
Applications	WB,IHC,IF,ELISA
Synonyms	MMP13,MMP-13,Collagenase-3

Product Information

Target	MMP13
Molecular Weight(Calculated)	60 kDa
Molecular Weight(Observed)	60 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	62G36
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IHC	1:100-1:500
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Matrix metallopeptidase-13
Gene Name	*MMP13*
Domain	NA
Background	MMP13 (Matrix metalloproteinase-13) is a zinc-dependent secreted protease of MMP family, synthesized as pro-enzyme and activated to degrade extracellular-matrix components. It exhibits preferential catalytic activity toward type-II collagen and participates in bone remodeling, cartilage turnover and tissue repair. Pathological MMP13 up-regulation drives cartilage destruction in osteoarthritis and facilitates tumor invasion-metastasis; its expression is strongly induced by inflammatory cytokines.