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Anti-MMP2 Rabbit mAb [40B79]

Catalog No.: A52218

Basic Information

Catalog No. (Cat.No.)	A52218
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IF,ELISA
Synonyms	MMP2,MMP-2,Gelatinase A,MMP-2,72kDa gelatinase

Product Information

Target	MMP2
Molecular Weight(Calculated)	74 kDa
Molecular Weight(Observed)	64 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	40B79
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	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Matrix metallopeptidase-2
Gene Name	*MMP2*
Domain	NA
Background	MMP2 (Matrix metalloproteinase-2) is a secreted zinc-dependent gelatin-subfamily matrix metalloproteinase. It degrades gelatin and type-IV collagen to dismantle basement-membrane barriers and mediates tissue remodeling and angiogenesis. MMP2 is secreted as inactive pro-MMP2 and gets activated via extracellular proteolytic cleavage. Elevated MMP2 accelerates tumor invasion and metastasis.