

Anti-MMP2 antibody (40-280) (STJ112988)

STJ112988

GENERAL INFORMATION

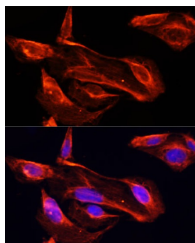
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

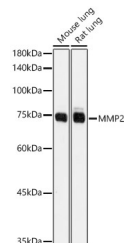
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	4313
Gene Symbol	MMP2
Uniprot ID	MMP2_HUMAN
Immunogen	
Immunogen Region	40-280
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 40-280 of human MMP2 (NP_004521.1).
Immunogen Sequence	DVAPKTDKELAVQYLNTFYG CPKESCNLFVLKDTLKKMQK FFGLPQTGDLQNTIETMRK PRCGNPDVANYNFFPRKPKW DKNQITYRIIGYTPDLDPET VDDAFARAFQVWSDVTLRF SRIHDGEADIMINFGRWHEG DGYPFDGKDGLLAHAFAPGT VGGGDSHFDDDELWTLGEGQ VVRVKYGNADGEYCKFPFLF NGKEYNSCTDTGRSDGFLWC STTYNFEKDGKYGFCPHEA



Immunofluorescence analysis of U2OS cells using MMP2 antibody (STJ112988) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using MMP2 Rabbit polyclonal antibody (STJ112988) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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