## bs-0412R

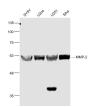
## [ Primary Antibody ]

# MMP2 Rabbit pAb

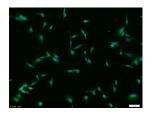


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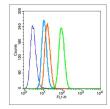
– DATASHEFT –		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: <b>WB</b> (1:1000-5000)
Clonality: Polycle	onal	IHC-P (1:200-800) IHC-F (1:200-800)
GenelD: 4313	SWISS: P08253	<b>IF</b> (1:200-800)
Target: MMP2		Flow-Cyt (1µg/Tes ICC/IF (1:100-500)
31-109		
	y purified by Protein A	Cow, Horse)
<b>Concentration:</b> 1mg/m	าไ	
Glycer Shippe	TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% ol. ed at 4°C. Store at -20°C for one year. Avoid repeated /thaw cycles.	Predicted MW.: <sup>72 kDa</sup> Subcellular Secreted ,Extracell
<b>Background:</b> 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 type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. Mutations in this gene have been associated with Winchester syndrome and Nodulosis-Arthropathy-Osteolysis (NAO) syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].		gical ,cytoplash, wicker and rthritis teins ees. gen, the enzyme n of n this nscript
- VALIDATION IM	AGES	



Sample: SY5Y (Human) Cell Lysate at 30 ug U2os (Human) Cell Lysate at 30 ug U251 (Human) Cell Lysate at 30 ug Siha (Human) Cell Lysate at 30 ug Primary: Anti- MMP-2 (bs-0412R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 60 kD



Tissue/cell: U-87MG cell; 4% Paraformaldehydefixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (MMP2)polyclonal Antibody, Unconjugated (bs-0412R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Blank control (blue line): Hela (blue). Primary Antibody (green line): Rabbit Anti-MMP2 antibody (bs-0412R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 80% methanol (5 min at -20°C) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

00-800) 00-800) 300) (1µg/Test) .00-500)

redicted: Mouse, t, Pig, Sheep, e)

Extracellular ll membrane n ,Nucleus

### - SELECTED CITATIONS -

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