

MMP9 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Mouse
Published Species	Bovine, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 227 and 415 of Human MMP9
Form	Liquid
Concentration	1.16 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544667

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	2 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunomicroscopy (IM)	-	1 Publication

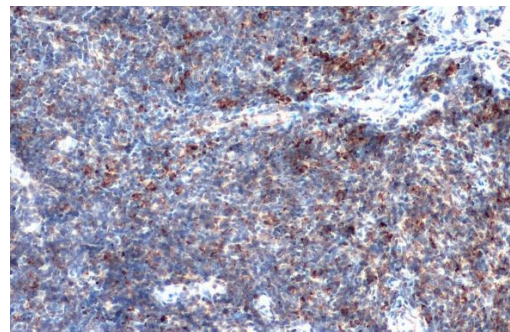
Product Specific Information

Recommended positive controls: MCF-7 (starvation, 200 nM PMA treatment for 24 hr, and 5 µg/mL Brefeldin A treatment for 14.5 hr), Huh7.

Predicted reactivity: Mouse (82%), Rat (84%), Dog (81%), Pig (84%), Rabbit (89%), Rhesus Monkey (96%), Bovine (85%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For MMP9 Polyclonal Antibody

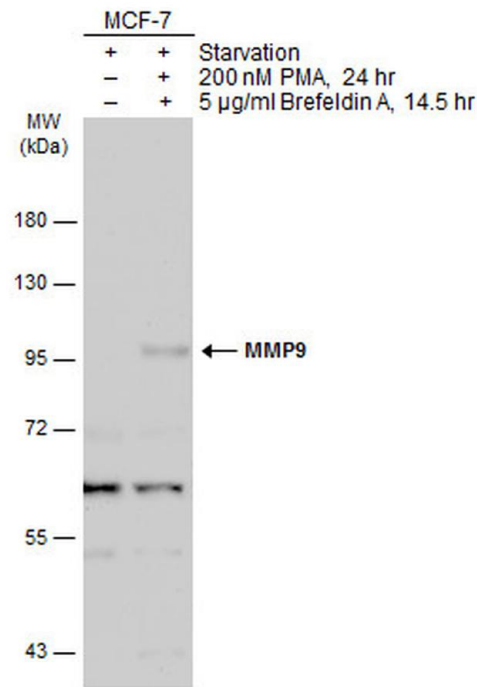


MMP9 Antibody (PA5-27191) in IHC (P)

Immunohistochemistry (Paraffin) analysis of MMP9 was performed in paraffin-embedded mouse lymph node tissue using MMP9 Polyclonal Antibody (Product # PA5-27191) at a dilution of 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

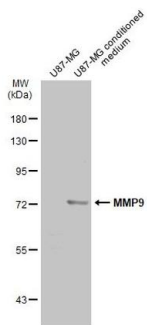
MMP9 Antibody (PA5-27191) in WB

Western Blot using MMP9 Polyclonal Antibody (Product # PA5-27191). Untreated (–) and treated (+) MCF-7 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MMP9 Polyclonal Antibody (Product # PA5-27191) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



MMP9 Antibody (PA5-27191) in WB

Western Blot using MMP9 Polyclonal Antibody (Product # PA5-27191). U87-MG whole cell extract and conditioned medium (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MMP9 Polyclonal Antibody (Product # PA5-27191) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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Western Blot (2)

<p>Frontiers in veterinary science</p> <p>Expression of matrix metalloproteinases (MMPs)-2/-7/-9/-14 and tissue inhibitors of MMPs (TIMPs)-1/-2 in bovine cutaneous fibropapillomas associated with BPV-2 infection.</p> <p>"PA5-27191 was used in Western Blotting and Immunohistochemistry to perform an immunohistochemical and biochemical analysis on a panel of MMPs and TIMPs in BPV-2 positive bovine cutaneous fibropapillomas vs. normal skin samples."</p> <p>Authors: Daraban Bocaneti F,Altamura G,Corteggio A,Tanase OI,Dascalu MA,Pasca SA,Hritcu O,Mares M, Borzacchiello G</p>	<p>Year 2022</p> <p>Species Bovine</p> <p>Dilution 1:1,000</p>
<p>International journal of molecular medicine</p> <p>HDAC1 promotes the migration of human myeloma cells via regulation of the lncRNA/Slug axis.</p> <p>"PA5-27191 was used in Western Blot to evaluate the expression of class I HDACs in myeloma cells and tissues."</p> <p>Authors: Zheng L,Zhang A,Liu J,Liu M,Zhang Y</p>	<p>Year 2022</p> <p>Species Human</p>

Immunohistochemistry (2)

<p>Frontiers in veterinary science</p> <p>Expression of matrix metalloproteinases (MMPs)-2/-7/-9/-14 and tissue inhibitors of MMPs (TIMPs)-1/-2 in bovine cutaneous fibropapillomas associated with BPV-2 infection.</p> <p>"PA5-27191 was used in Western Blotting and Immunohistochemistry to perform an immunohistochemical and biochemical analysis on a panel of MMPs and TIMPs in BPV-2 positive bovine cutaneous fibropapillomas vs. normal skin samples."</p> <p>Authors: Daraban Bocaneti F,Altamura G,Corteggio A,Tanase OI,Dascalu MA,Pasca SA,Hritcu O,Mares M, Borzacchiello G</p>	<p>Year 2022</p> <p>Species Bovine</p> <p>Dilution 1:1,000</p>
<p>Frontiers in immunology</p> <p>Autophagy Induced by Palmitic Acid Regulates Neutrophil Adhesion Through the Granule-Dependent Degradation of M2 Integrin in Dairy Cows With Fatty Liver.</p> <p>"Published figure using MMP9 polyclonal antibody (Product # PA5-27191) in Immunohistochemistry"</p> <p>Authors: Peng Z,Zhao C,Du X,Yang Y,Li Y,Song Y,Fang B,Zhang Y,Qin X,Zhang Y,Li X,Wang Z,Li X,Liu G</p>	<p>Year 2021</p> <p>Species Bovine</p>

More applications with references on thermofisher.cn

IM (1)

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