

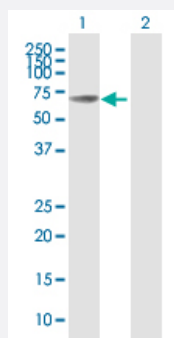
MaxPab®

MMP8 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004317-D01

Size 100 uL

Applications

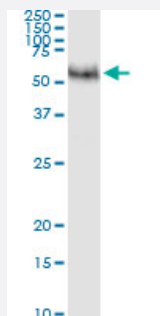


Western Blot (Transfected lysate)

Western Blot analysis of MMP8 expression in transfected 293T cell line ([H00004317-T01](#)) by MMP8 MaxPab polyclonal antibody.

Lane 1: MMP8 transfected lysate(53.40 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MMP8 transfected lysate using anti-MMP8 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MMP8 purified MaxPab mouse polyclonal antibody (B01P) ([H00004317-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MMP8 protein.

Immunogen

MMP8 (NP_002415.1, 1 a.a. ~ 467 a.a) full-length human protein.

Sequence

MFSLKTLPLFLLLLHVQISKAPVSSKEKNTKTVQDYLEKFYQLPSNQYQSTRKNGTNVVEKLKEM
QRFFGLNVTGKPNEETLDMKKPRCGVPDGGFMLTPGNPKWERTNLTYRIRNYTPQLSEAEVE
RAIKDAFELWSVASPLIFTRISQGEADINIAFYQRDHGDNSPFDGPNGLAHAFQPGQGIGGDAHFD
AEETWTNTSANYNLFLVAAHEFGHSLGLAHSSDPGALMYPNYAFRETSNYSLPQDDIDGIQAIYGL
SSNPIQPTGPGSTPKPCDPSLTFDAITTLRGEILFFKDRIYFWRHPQLQRVEMNFISLFWPSLPTGIQ
AAYEDFDRDLIFLFKGNQYWALSGYDILQGYPKDISNYGFPSSVQAIDAAVFYRSKTYFFVNDQFW
RYDNQRQFMPEGYPKSISGAFFPGIESKVDVAFQQEHFFHVFSGPRYYAFDLIAQRVTRVARGNKW
LNCRYG

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — MMP8

Entrez GeneID	4317
GeneBank Accession#	NM_002424
Protein Accession#	NP_002415.1
Gene Name	MMP8
Gene Alias	CLG1, HNC, PMNL-CL
Gene Description	matrix metalloproteinase 8 (neutrophil collagenase)
Omim ID	120355

Gene Ontology

[Hyperlink](#)

Gene Summary

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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

PMNL collagenase|matrix metalloproteinase 8|matrix metalloproteinase 8 (neutrophil collagenase)|neutrophil collagenase

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiectasis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infection](#)
- [Inflammation](#)

- [Intervertebral Disk Displacement](#)
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- [Liver Neoplasms](#)
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- [Malignant melanoma](#)
- [Melanoma](#)
- [Mouth Neoplasms](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm Invasiveness](#)
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- [Urinary Bladder Neoplasms](#)