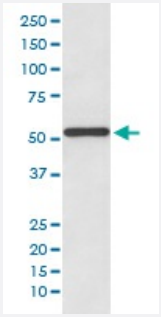
MMP13 monoclonal antibody, clone IDA-13

Catalog # MAB20197 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with MMP13 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human MMP13.
Immunogen	A synthetic peptide corresponding to human MMP13.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — MMP13

Entrez GeneID	4322
Protein Accession#	P45452
Gene Name	MMP13
Gene Alias	CLG3
Gene Description	matrix metallopeptidase 13 (collagenase 3)
Omim ID	600108 602111
Gene Ontology	Hyperlink
Gene Summary	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellul ar matrix in normal physiological processes, such as embryonic development, reproduction, and ti ssue 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 proteinase s. The protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with oste oarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [pr ovided by RefSeq
Other Designations	collagenase 3|matrix metalloproteinase 13|matrix metalloproteinase 13 (collagenase 3)

Disease

- Adenocarcinoma
- Alveolar Bone Loss
- Aortic Aneurysm
- Arteriosclerosis

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- Arthritis
- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Chronic Periodontitis
- Cleft Lip
- Cleft Palate
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Endometriosis
- Esophageal Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Gingival Hemorrhage
- Heart Neoplasms
- Hepatitis C
- Intervertebral Disk Displacement
- Liver Cirrhosis
- Lung Neoplasms
- Mouth Neoplasms

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- Mucocutaneous Lymph Node Syndrome
- Nasopharyngeal Neoplasms
- Neoplasms
- Obstetric Labor
- Osteomyelitis
- Ovarian cancer
- Ovarian Neoplasms
- Periodontal Attachment Loss
- Pre-Eclampsia
- Premature Birth
- Stomach Neoplasms

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