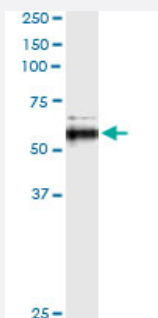


MMP13 (Human) IP-WB Antibody Pair

Catalog # H00004322-PW2

Size 1 Set

Applications



Immunoprecipitation of MMP13 transfected lysate using mouse monoclonal anti-MMP13 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-MMP13.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86%); Rat (86%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MMP13 transfected lysate using mouse monoclonal anti-MMP13 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-MMP13.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-MMP13 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-MMP13 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MMP13

Entrez GeneID [4322](#)

Gene Name MMP13

Gene Alias CLG3

Gene Description matrix metalloproteinase 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 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. 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 osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations collagenase 3|matrix metalloproteinase 13|matrix metalloproteinase 13 (collagenase 3)

Disease

- [Adenocarcinoma](#)
- [Alveolar Bone Loss](#)
- [Aortic Aneurysm](#)
- [Arteriosclerosis](#)
- [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](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteomyelitis](#)

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Periodontal Attachment Loss](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Stomach Neoplasms](#)