

ECM Blocking Peptide
Catalog # PBV10388b**Specification**

ECM Blocking Peptide - Product Information

Primary Accession	O61508
Other Accession	AAD13396
Gene ID	13601
Calculated MW	62832

ECM Blocking Peptide - Additional Information**Gene ID** 13601**Application & Usage**

The peptide is used for blocking the antibody activity of ECM. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Extracellular matrix protein 1, Secretory component p85, Ecm1

Target/Specificity

ECM

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

ECM Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

ECM Blocking Peptide - Protein Information**Name** Ecm1**Function**

Involved in endochondral bone formation as negative regulator of bone mineralization. Stimulates the proliferation of endothelial cells and promotes angiogenesis. Inhibits MMP9 proteolytic activity (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed in the surrounding connective tissues of developing long bones, but not in the cartilage. The long isoform is expressed in a number of tissues including liver, heart and lungs. The short isoform is expressed in skin and cartilage-containing tissues such as tail and front paw. No expression is found in brain

ECM Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ECM Blocking Peptide - Images