10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ECM1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54209

Specification

ECM1 Polyclonal Antibody - Product Information

Application	**IHC-P, WB**
Primary Accession	Q61508
Reactivity	**Rat, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**62832**

ECM1 Polyclonal Antibody - Additional Information

Gene ID 13601

Other Names
Extracellular matrix protein 1, Secretory component p85, Ecm1

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

ECM1 Polyclonal Antibody - 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

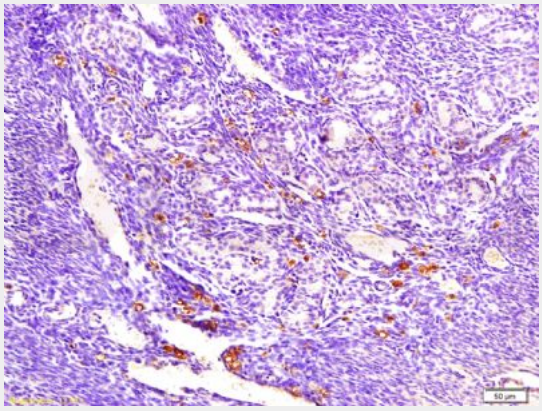
ECM1 Polyclonal Antibody - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

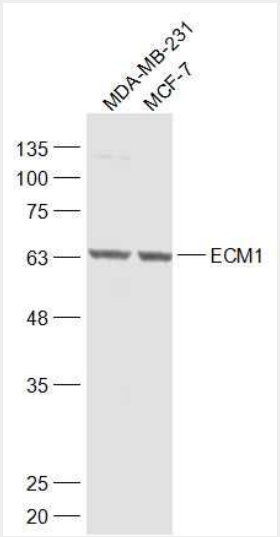
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ECM1 Polyclonal Antibody - Images



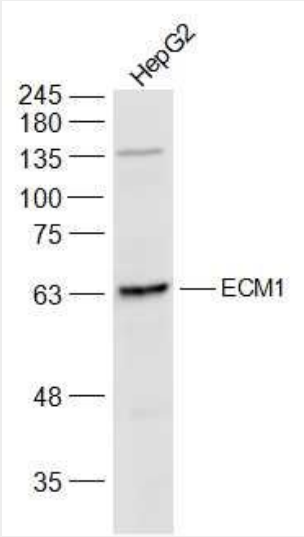
Tissue/cell: mouse endometrium tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-ECM1 Polyclonal Antibody, Unconjugated(bs-0776R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



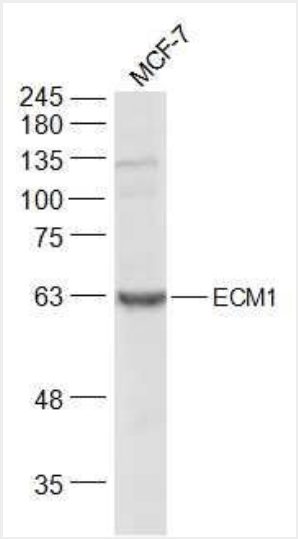
Sample:
MDA-MB-231(Mouse) Cell Lysate at 30 ug
MCF-7(Human) Cell Lysate at 30 ug
Primary: Anti-ECM1 (bs-0776R) at 1/1000 dilution

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 65 kD

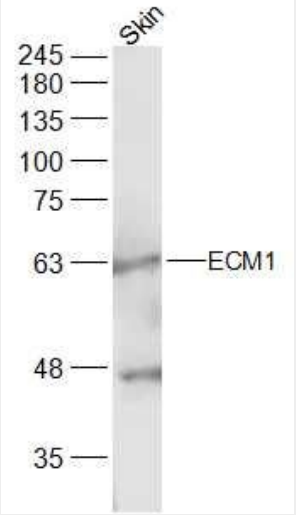


Sample:
HepG2(Human) Cell Lysate at 30 ug
Primary: Anti-ECM1 (bs-0776R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 64 kD



Sample:
MCF-7(Human) Cell Lysate at 30 ug
Primary: Anti-ECM1 (bs-0776R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 64 kD

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Sample:
Skin(Mouse) Lysate at 40 ug
Primary: Anti-ECM1 (bs-0776R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 64 kD