

# Anti-Extracellular matrix protein 1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

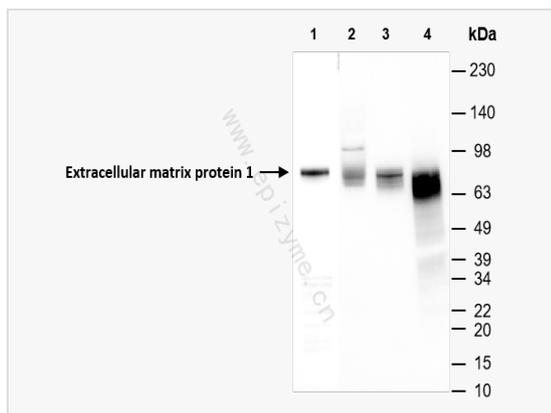
Catalog # R014653

## Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	20G55J72
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of mouse Extracellular matrix protein 1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Extracellular matrix protein 1 Rabbit mAb [20G55J72] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	ECM 1, Ecm1, ECM1_HUMAN, Extracellular matrix protein 1, Secretory component p85, URBWD.
Calculated MW	Calculated MW: 63 kDa; Observed MW: 85 kDa
Uniprot ID	Q62894
Gene ID	13601
Background	Involved in endochondral bone formation as negative regulator of bone mineralization
Cellular Location	Secreted > extracellular space > extracellular matrix.
Tissue Location	Expressed in breast cancer tissues. Little or no expression observed in normal breast tissues. Expressed in skin; wide expression is observed throughout the dermis with minimal expression in the epidermis.



Western Blot - Anti-Extracellular matrix protein 1 Rabbit mAb [20G55J72]

All lanes: R014653 at 1:1,000 dilution

Lane 1: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 2: Mouse brain whole tissue lysates

Lane 3: Rat muscle whole tissue lysates

Lane 4: Rat spleen whole tissue lysates

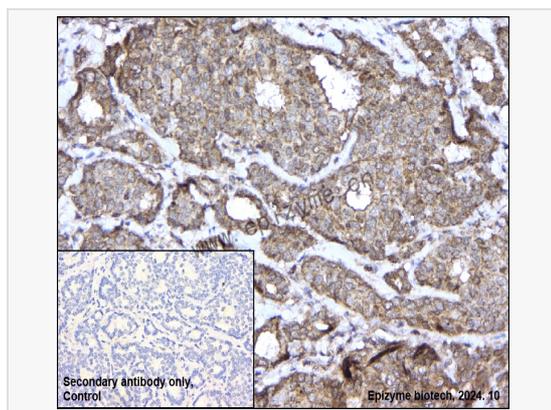
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 63 kDa

Observed band size: 85 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Extracellular matrix protein 1 Rabbit mAb [20G55J72]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014653 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.