

Anti-Gelsolin Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

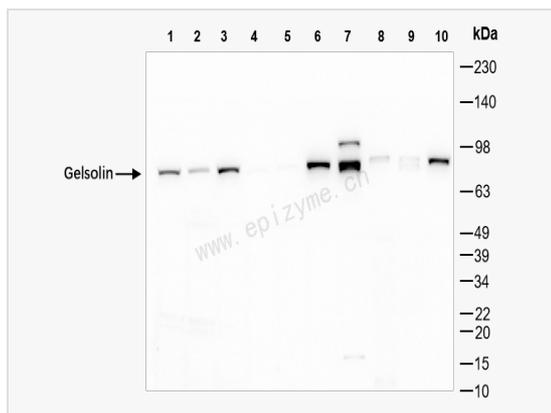
Catalog # R015515

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	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.	40E56K90
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Gelsolin
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-Gelsolin Rabbit mAb [40E56K90] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Actin depolymerizing factor; Actin-depolymerizing factor; ADF; AGEL; Brevin; DKFZp313L0718; GELS_HUMAN; Gelsolin; Gsn.
Calculated MW	Calculated MW: 86 kDa; Observed MW: 86 kDa
Uniprot ID	P06396
Gene ID	2934
Background	The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm > cytoskeleton and Secreted.
Tissue Location	Phagocytic cells, platelets, fibroblasts, nonmuscle cells, smooth and skeletal muscle cells.



Western Blot - Anti-Gelsolin Rabbit mAb [40E56K90]

All lanes: R015515 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

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

Lane 8: Mouse heart whole tissue lysates

Lane 9: Mouse brain whole tissue lysates

Lane 10: Mouse liver whole tissue lysates

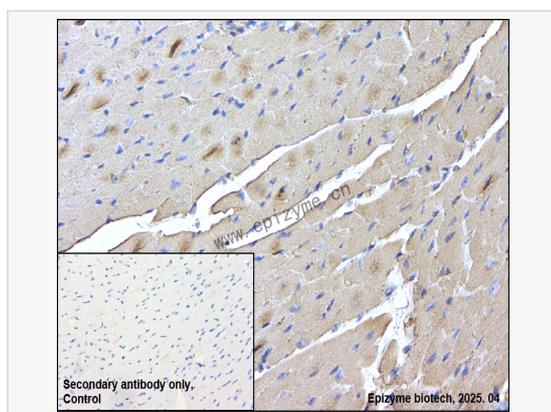
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 86 kDa

Observed band size: 86 kDa

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



Immunohistochemistry - Anti-Gelsolin Rabbit mAb [40E56K90]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse heart tissue

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

Primary antibody: R015515 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.