

Anti-Gelsolin Antibody (3V993)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 80 kDa. Actual: 80 kDa.
Clone:	3V993
Purification:	Protein A purified

Applications

1. Sample:

Lane 1: Plasma (Mouse) at 20 µg
Lane 2: HepG2 (Human) Cell Lysate at 30 µg
Lane 3: Huvec (Human) Cell Lysate at 30 µg
Lane 4: Hela (Human) Cell Lysate at 30 µg
Lane 5: U251 (Human) Cell Lysate at 30 µg
Primary: Anti-Gelsolin (TMAB-06424) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 90 kD
Observed band size: 90 kD

2. Sample:

Lane 1: HepG2 (Human) Cell Lysate at 30 µg
Lane 2: Huvec (Human) Cell Lysate at 30 µg
Verified Activity: Lane 3: Hela (Human) Cell Lysate at 30 µg
Lane 4: U251 (Human) Cell Lysate at 30 µg
Lane 5: SH-SY5Y (Human) Cell Lysate at 30 µg
Lane 6: Siha (Human) Cell Lysate at 30 µg
Primary: Anti-Gelsolin (TMAB-06424) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 90 kD
Observed band size: 90 kD

3. Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Gelsolin) Monoclonal Antibody, Unconjugated (TMAB-06424) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

Application: WB,IHC-P,IHC-F,ICC/IF,IF,FCM

A DRUG SCREENING EXPERT

Recommended WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,ICC/IF=1:50-200,IF=1:50-200,FCM=1:50-100

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Gelsolin

Antigen Species: Human

Gene ID: 2934

Uniprot ID: P06396

Research Background

bs-1160P is one synthetic peptide derived from human Gelsolin. Gelsolin is a calcium dependent actin binding protein. It is a potent modulator of actin filament length and gelation. Gelsolin has been shown to exist in at least two variant forms, cytoplasmic gelsolin and plasma gelsolin. Plasma gelsolin has also been called actin depolymerizing factor (ADF) or brevin. Human plasma and rabbit macrophage gelsolins differ by the presence of a 25 amino acid residue extension at the NH2 terminus in the human plasma gelsolin, which appears to account for the difference in relative molecular weights.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481
