

## Mouse monoclonal antibody to Gelsolin [GEL-42]: IgG

<b>Catalogue No.:</b>	M-1189-100
<b>Description:</b>	Gelsolin is a calcium dependent protein that binds to the ends of actin and fibronectin and has a role in both assembly and disassembly of actin filaments. At least two variant forms are expressed by alternative initiation; cytoplasmic and plasma gelsolin (Brevin or ADF).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Human plasma gelsolin
<b>Clone:</b>	GEL-42
<b>Other Names:</b>	Actin-depolymerizing factor; ADF; Brevin; AGEL; GSN;
<b>Accession:</b>	P06396 GELS_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human Gelsolin (isoform 1/Plasma) has a predicted length of 782 residues and a MW of 86 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; rat; bovine;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase.

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