



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

Catalogue No.:	M-1189-100
Description:	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).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human plasma gelsolin
Clone:	GEL-42
Other Names:	Actin-depolymerizing factor; ADF; Brevin; AGEL; GSN;
Accession:	P06396 GELS_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; bovine;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase.

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