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**Product Name: GSN (N-term) Mouse Monoclonal Antibody****Catalog #: AMM85921**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgM
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:200-1:4000
<b>Molecular Weight</b>	85.7kDa

**Antigen Information**

<b>Gene Name</b>	GSN (N-term)
<b>Alternative Names</b>	Gelsolin, AGEL, Actin-depolymerizing factor, ADF, Brevin, GSN
<b>Gene ID</b>	2934.0
<b>SwissProt ID</b>	P06396
<b>Immunogen</b>	This GSN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 230-259 amino acids from the N-terminal region of human GSN.

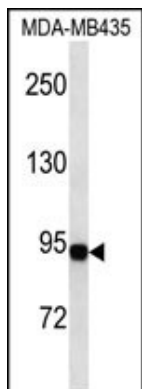
**Background**

The protein encoded by this gene binds to the 'plus' endsof actin monomers and filaments to prevent monomer exchange. Theencoded calcium-regulated protein functions in both assembly anddisassembly of actin filaments. Defects in this gene are a

cause offamilial amyloidosis Finnish type (FAF). Multiple transcriptvariants encoding several different isoforms have been found forthis gene.

## Research Area

## Image Data



GSN Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35µg/lane). This demonstrates the GSN antibody detected the GSN protein (arrow).