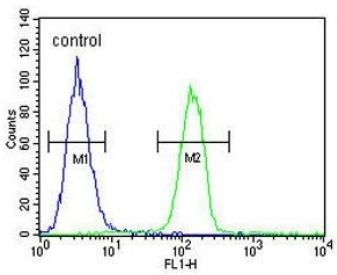
GSN Antibody / Gelsolin (F54920)

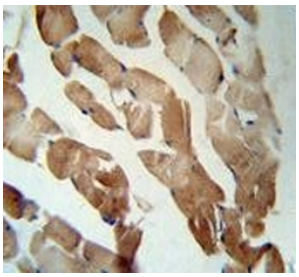
Catalog No.	Formulation	Size
F54920-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54920-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

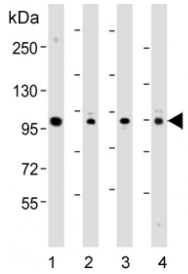
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P06396
Localization	Cytoplasmic, secreted
Applications	Western Blot : 1:1000-1:2000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This GSN antibody is available for research use only.



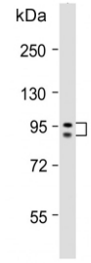
Flow cytometry testing of human A375 cells with GSN antibody; Blue=isotype control, Green= GSN antibody.



IHC testing of FFPE human skeletal muscle tissue with GSN antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) human plasma, 2) human HeLa, 3) mouse spleen and 4) rat kidney lysate with GSN antibody. Predicted molecular weight: 81-86 kDa (multiple isoforms).



Western blot testing of human MCF7 cell lysate with GSN antibody. Predicted molecular weight: 81-86 kDa (multiple isoforms).

Description

GSN binds to the 'plus' ends of actin monomers and filaments to prevent monomer exchange. The calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this protein are a cause of familial amyloidosis Finnish type (FAF).

Application Notes

The stated application concentrations are suggested starting points. Titration of the GSN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 230-259 from the human protein was used as the immunogen for the GSN antibody.

Storage

Aliquot the GSN antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.