

GSN Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2926
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human GSN (AA: (673-783)) expressed in E. Coli.
Mol wt	85.7kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	ADF;AGEL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.

Recommended Dilution

WB: 1:500 - 1:2000

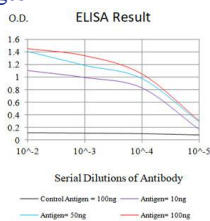
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

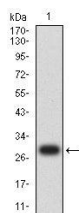
ELISA: 1:10000

Not yet tested in other applications.

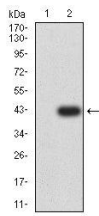
Images



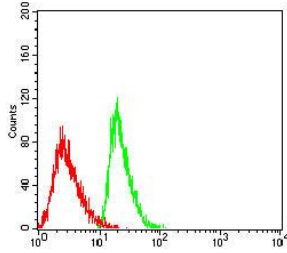
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



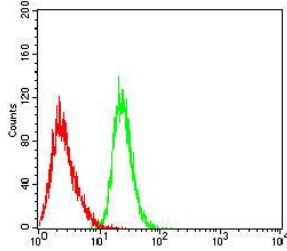
Western blot analysis using GSN mAb against human GSN (AA: 2x(673-783)) recombinant protein. (Expected MW is 28.4 kDa)



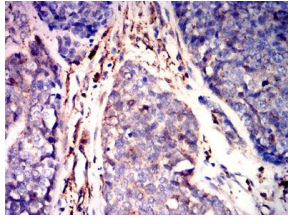
Western blot analysis using GSN mAb against HEK293-6e (1) and GSN (AA: 673-783)-hIgG Fc transfected HEK293-6e (2) cell lysate.



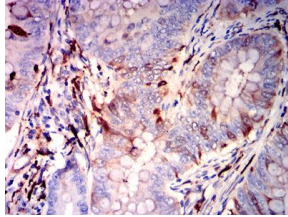
Flow cytometric analysis of Jurkat cells using GSN mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using GSN mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using GSN mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using GSN mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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