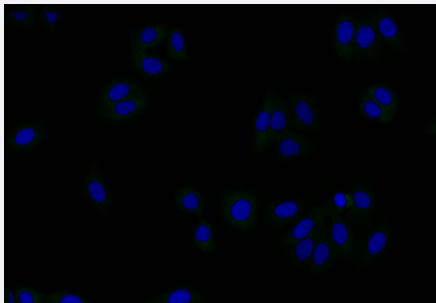


RecomAb™

GSN recombinant monoclonal antibody, clone 16H9

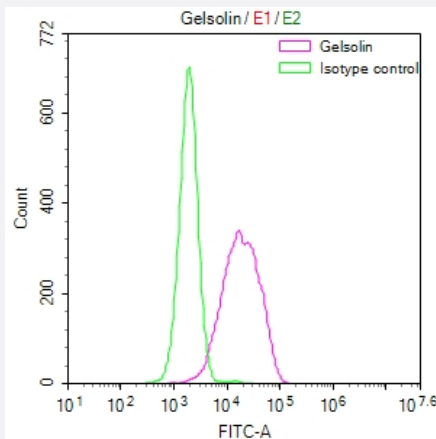
Catalog # RAB07728 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of HepG2 Cells with GSN recombinant monoclonal antibody, clone 16H9 at 1:50, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing HepG2 cells stained with GSN recombinant monoclonal antibody, clone 16H9 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GSN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human GSN.
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of HepG2 Cells with GSN recombinant monoclonal antibody, clone 16H9 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing HepG2 cells stained with GSN recombinant monoclonal antibody, clone 16H9 (red line) at 1:50.

Gene Info — GSN

Entrez GeneID	2934
Protein Accession#	P06396
Gene Name	GSN
Gene Alias	DKFZp313L0718
Gene Description	gelsolin (amyloidosis, Finnish type)
Omim ID	105120 137350
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000022011|OTTHUMP00000162202|gelsolin

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Tobacco Use Disorder](#)