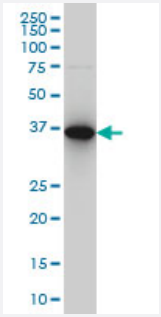
CAPG monoclonal antibody (M02), clone 6D6

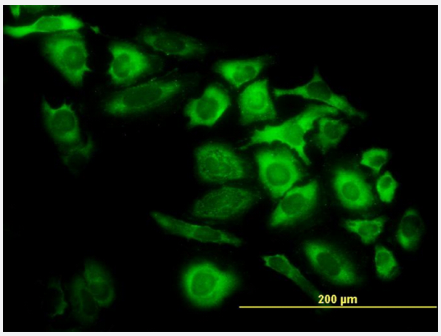
Catalog # H00000822-M02 Size 100 ug

Applications



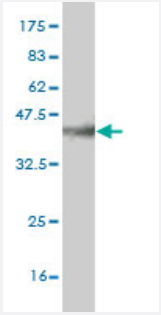
Western Blot (Cell lysate)

CAPG monoclonal antibody (M02), clone 6D6 Western Blot analysis of CAPG expression in Hela S3 NE (Cat # L013V3).



Immunofluorescence

Immunofluorescence of monoclonal antibody to CAPG on HeLa cell. [antibody concentration 30 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CAPG.

Immunogen	CAPG (NP_001738, 249 a.a. ~ 348 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AALYKVSDATGQMNLTKVADSSPFALELLISDDCFVLDNGLCGKIYIWKGRKANEKERQAALQVAEGFISRMQYAPNTQVEILPQGHESPIFKQFFKDWK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  CAPG monoclonal antibody (M02), clone 6D6 Western Blot analysis of CAPG expression in Hela S3 NE (Cat # L013V3).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to CAPG on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — CAPG

Entrez GeneID	822
GeneBank Accession#	NM_001747

Protein Accession#	NP_001738
Gene Name	CAPG
Gene Alias	AFCP, MCP
Gene Description	capping protein (actin filament), gelsolin-like
Omim ID	153615
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca2+ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed, but have not been fully described. [provided by RefSeq
Other Designations	actin-regulatory protein CAP-G|gelsolin-like capping protein|macrophage capping protein

Disease

- Atherosclerosis
- Carotid Artery Diseases
- Disease Progression
- Genetic Predisposition to Disease
- Hyperlipoproteinemia Type II