Gelsolin / Actin-depolymerizing Factor Antibody

Mouse Monoclonal Antibody [Clone CPTC-Gelsolin-1]

Catalog No	Format	Size
2934-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2934-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2934-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

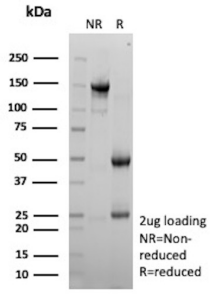
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CPTC-Gelsolin-1
Gene Name	GSN
Immunogen	Recombinant human full-length protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	~90kDa
Cellular Localization	Cytoplasm, Cytoskeleton, Secreted
Species Reactivity	Human
Positive Control	MCF cell lysate, Tonsil.

**Optimal dilution for a specific application should be determined.*

Product Images for Gelsolin / Actin-depolymerizing Factor Antibody



SDS-PAGE Analysis Purified Gelsolin Mouse Monoclonal Antibody (CPTC-Gelsolin1). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Gelsolin (also known as brevin, Actin-depolymerizing factor or ADF), a proteinof leukocytes, platelets and other cells, severs Actin filaments in thepresence of submicromolar calcium, thereby isolating cytoplasmic Actin gels. It is a calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. Plays a role in ciliogenesis. Defects in GSN are the cause of amyloidosis type 5 (AMYL5); also known as familial amyloidosis Finnish type, typically characterized by cranial neuropathy and lattice corneal dystrophy. Severe systemic disease can develop in some individuals causing peripheral polyneuropathy, amyloid cardiomyopathy, and nephrotic syndrome leading to renal failure.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.