

Gelsolin Antibody FITC Conjugated

Catalog No: #C01342F

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Description

Product Name	Gelsolin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Gelsolin
Conjugates	FITC
Target Name	Gelsolin
Other Names	Actin depolymerizing factor; ADF; AGEL; Amyloidosis Finnish type; Brevin; DKFZp313L0718; GSN; GELS_HUMAN; Actin-depolymerizing factor.
Accession No.	NCBI Gene ID2934
Uniprot	P06396
GeneID	2934;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Gelsolin is a calcium dependent actin binding protein. It is a potent modulator of actin filament length and gelation. Gelsolin has been shown to exist in at least two variant forms, cytoplasmic gelsolin and plasma gelsolin. Plasma gelsolin has also been called actin depolymerizing factor (ADF) or brevin. Human plasma and rabbit macrophage gelsolins differ by the presence of a 25 amino acid residue extension at the NH2 terminus in the human plasma gelsolin, which appears to account for the difference in relative molecular weights.

Note: This product is for in vitro research use only