

Product datasheet for **AM20623PU-N**

Gelsolin (GSN) Mouse Monoclonal Antibody [Clone ID: GEL-42]

Product data:

Product Type:	Primary Antibodies
Clone Name:	GEL-42
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 0.5 - 1 µg/ml. Immunohistochemistry on frozen and paraffin sections: 1 - 2 µg/ml.
Reactivity:	Human, Rabbit
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human plasma gelsolin.
Specificity:	This antibody reacts to Gelsolin.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS.
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gelsolin
Database Link:	Entrez Gene 2934 Human P06396



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Background:	GAP43 is expressed by developing and regenerating neurons, and to a lesser extent, reactive glial cells. It is used widely to specifically label injured neurons and to score neuronal regeneration. GAP43 is also a neuronal growth cone protein thought to be involved in pathfinding. GAP43 is considered to be a crucial component of an effective regenerative response in the nervous system.
Synonyms:	Brevin, AGEL, GSN
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton