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39-1038: Anti-Gelsolin Monoclonal Antibody (Clone: GS-2C4)

Clone Name : Monoclonal GS-2C4

Application: WB,IHC-P,IHC-F

Reactivity: Human
Gene: Gsn
Gene ID: 296654
Uniprot ID: Q68FP1

Alternative Name : Gelsolin; Actin-depolymerizing factor; ADF; Brevin; Gsn

Isotype: Mouse IgG1

Immunogen Information: Human plasma gelsolin.

Description

Gelsolin, a protein of leukocytes, platelets, and other cells, severs actin filaments in the presence of submicromolar calcium, thereby solating cytoplasmic actin gels. A gelsolin variant with 23 more N-terminal amino acids is a plasma component probably involved in the clearance of actin, the most abundant human protein, from the circulation. Gelsolin is located in 9q34. Plasma and cytoplasmic gelsolins are encoded by a single gene and contain a duplicated actin-binding domain.

Product Info

Amount : 100 μg/vial **Purification :** Ascites

Content: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Storage condition:

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : $0.5-1\tilde{\mathbb{A}}[\hat{\mathbb{A}}/4g/m]$; Immunohistochemistry(Paraffin-embedded Section) : $1-2\tilde{\mathbb{A}}[\hat{\mathbb{A}}/4g/m]$; Immunohistochemistry(Frozen Section) : $1-2\tilde{\mathbb{A}}[\hat{\mathbb{A}}/4g/m]$

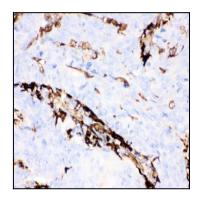


Figure 1: Anti-Gelsolin monoclonal antibody(39-1038). IHC(P): Human Lung Cancer Tissue.



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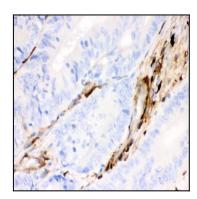


Figure 2: Anti-Gelsolin monoclonal antibody(39-1038). IHC(P): Human Intestinal Cancer Tissue.