

Anti-Gelsolin (human)

CAT. NO. ABS 017-20

OVERVIEW

Product Name	Anti-Gelsolin (human)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	20
Tested Applications	ELISA, WB, IHC, IF		

SPECIFICITY

Specificity	ABS 017-20 binds human gelsolin.		
Immunogen	Gelsolin purified from human plasma	Gene ID	2934
Target	Gelsolin participates in the extracellular actin scavenger system, binding actin and disaggregating filamentous actin released from dying cells. Actin monomers are then transferred to Gc-globulin. The plasma concentration of gelsolin is reduced in conditions of major actin release, such as acute liver failure, major trauma and rhabdomyolysis, where multi-organ failure is a risk. It has been suggested that gelsolin, like Gc-globulin, can be a prognostic factor in these conditions.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	ABS 017-20 does not work as a capture antibody in sandwich ELISA.
WB	ABS 017-20 can be used in Western blotting.
IHC	ABS 017-20 can be used in Immunohistochemistry.
IF	ABS 017-20 can be used in Immunofluorescence.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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