

Anti-Gelsolin (human)**Mouse monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

ABS 017-20

Clone:20

SPECIFICITY	ABS 017-20 binds human gelsolin
IMMUNOGEN	Gelsolin purified from human plasma
TESTED APPLICATIONS	ELISA, WB, IHC, IF
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Not determined

PRESENTATION

Content:	Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION

ELISA: ABS 017-20 does not work as 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.

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.

REFERENCES**CONDITIONS**

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