Monoclonal antibody against human Vitronectin
Product No. ADG1031

Description
Murine monoclonal antibody (clone VN7) directed against all forms (monomeric and multimeric) of human Vitronectin. Mice were immunized with purified human Vitronectin. The antibody has been purified from cell culture supernatant using Protein G affinity chromatography.

Presentation
Screw capped vial containing 0.5 mg of purified antibody in PBS pH 7.4, 0.01 % ProClin300. The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

Storage and Stability
Store the antibody at 2°-8°C. For long-term storage the antibody should be aliquoted and stored at –20°C or colder. It is recommended to avoid freeze-thaw cycles.

Applications
A. ELISA
The antibody can be used as capture antibody in ELISAs. An antibody concentration of 1 - 10 µg/ml is recommended.

B. Flow cytometry
The antibody (conjugated with different fluorochromes) may be used for flow cytometry of cells expressing vitronectin. An antibody concentration of 10 µg/ml per 1 x 10^6 cells is recommended [2].

C. Immunohistochemistry
The antibody can be used for immunohistochemistry on formalin-fixed, paraffin-embedded tissue sections. Optimal staining results were obtained with the LSAB method, no antigen-retrieval necessary.

D. Immunocytochemistry
The antibody (conjugated with different fluorochromes) may be used to stain permeabilized and fixed cells. An antibody concentration of 400 µg/ml per 10 x 10^6 cells is recommended [2].

Warnings and Precautions
Contains: Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) and Modified alkyl carboxylate (ProClin ® 300)

Hazard pictograms

Signal word
Warning

Hazard statements
H317 - May cause an allergic skin reaction.

Precautionary statements
P280 - Wear protective gloves.
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P501 - Dispose of contents/container in accordance with local/regional/ national/international regulations.

References

Human liver: (a) no primary antibody (b) antibody VN-7 (100 ng/ml). Nuclei counter-stained with hematoxilin (blue), Vitronectin staining in brown.

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