

Monoclonal Mouse Antibody to Human Vinculin

Catalog No.:	Mob 226, Mob 226-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Vinculin derived from human platelets.
Clone:	V284
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody recognizes human vinculin, a 130 kD protein involved in the indirect binding of intracellular actin filaments to extracellular fibronectin. Vinculin is widely distributed in tissues and co-expresses where smooth muscle actin and fibroblasts attach to the extracellular matrix. This antibody cross reacts with rabbit vinculin.
Positive Control:	Skin
Cellular Localization:	Cytoplasmic and cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Asijee et al. Europ. J Biochem 189: 131, 1990.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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