



Mouse monoclonal antibody to human Vinculin [VIN-54]: IgG

Catalogue No.:	M-1228-100
Description:	Vinculin is a cytoskeletal protein associated with cell-cell and cell-matrix adherens type junctions. Multiple isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Purified Vinculin from human uterus
Clone:	VIN-54
Other Names:	Metavinculin; VCL;
Accession:	P18206 VINC_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human Vinculin (isoform 2, Metavinculin) has a predicted length of 1,134 residues and a MW of 124 kDa. A concentration of 2.0-4.0 ug/mL is recommended to detect the protein in formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat; chicken;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY