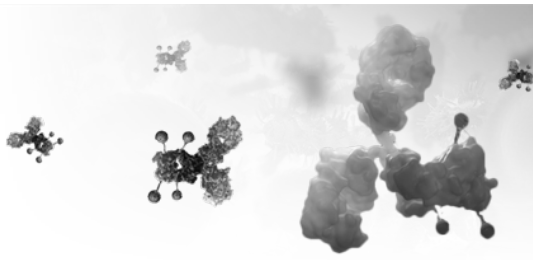

Anti-ZYX monoclonal antibody, clone PM412 (DCABH-8990)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Zyxin
Antigen Description	Zyxin binds alpha-actinin and the CRP proteins and is implicated in the regulation and modulation of actin filaments organization, cell adhesion, cell motility, mitosis, and signal transduction. Zyxin may shuttle between focal adhesion plaques and the nucleus. It has been suggested that zyxin is involved in gene transcription by its association with transcription factors in the nucleus.
Immunogen	Synthetic peptide: PPQPREKVSSIDLEIDS conjugated to KLH by an N-terminal Cysteine residue linker, corresponding to amino acids 134-150 of Human Zyxin
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human
Clone	PM412
Purification	Purified immunoglobulin.
Conjugate	Unconjugated
Applications	WB, ELISA, ICC, ICC/IF
Positive Control	Purchase matching WB positive control:Human Zyxin full length protein Total cell extract of HeLa cells.
Format	Liquid
Size	100 µl

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Buffer	Preservative: 15mM Sodium Azide; Constituents: 0.01M PBS, pH 7.4
Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ZYX zyxin [Homo sapiens]
Official Symbol	ZYX
Synonyms	ZYX; zyxin; zyxin-2; ESP-2; HED-2;
Entrez Gene ID	7791
Protein Refseq	NP_001010972
UniProt ID	Q15942
Chromosome Location	7q32
Pathway	E-cadherin signaling in keratinocytes, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Integrin-mediated cell adhesion, organism-specific biosystem; Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem;
Function	metal ion binding; protein binding; zinc ion binding;

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