



Mouse anti-Human DLG5 monoclonal antibody, clone 3B6 (CABT-B10102)

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

PRODUCT INFORMATION

Immunogen	DLG5 (NP_004738, 1708 a.a. ~ 1810 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3B6
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	LDIAPHAIERLHHMHIYPIVIFIHYKSAKHIKEQRDPIYLRDKVTQRHSKEQFEAAQKLE QEYSRYFTGVIQGGALSSICTQILAMVNQEQNKLWIPACPL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the family of discs large (DLG) homologs, a subset of the membrane-associated guanylate kinase (MAGUK) superfamily. The MAGUK proteins are
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composed of a catalytically inactive guanylate kinase domain, in addition to PDZ and SH3 domains, and are thought to function as scaffolding molecules at sites of cell-cell contact. The protein encoded by this gene localizes to the plasma membrane and cytoplasm, and interacts with components of adherens junctions and the cytoskeleton. It is proposed to function in the transmission of extracellular signals to the cytoskeleton and in the maintenance of epithelial cell structure. Alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]

Keywords	DLG5; discs, large homolog 5 (Drosophila); PDLG; LP-DLG; P-DLG5; disks large homolog 5; large type of P-DLG; discs large protein P-dlg; placenta and prostate DLG; discs large protein LP-DLG;
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GENE INFORMATION

Entrez Gene ID	9231
UniProt ID	Q8TDM6
Function	beta-catenin binding; cytoskeletal protein binding; receptor signaling complex scaffold activity
