



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

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| 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 | LDIAPHAIERLHHMHIYPVIFIHYKSAKHIKEQRDPYLRDKVTQRHSKEQFEAAQKLE QEYSRYFTGVIQGGALSSICTQILAMVNQEQNKVLWIPACPL* |
| 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

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| 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]

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| 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

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