

AibGenesis™ Mouse Anti-D. melanogaster Patj Antibody (CBMOAB-27274FYA)

Cat. No.: CBMOAB-27274FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Species Reactivity	Fruit fly (<i>Drosophila melanogaster</i>)
Clone	MO27274FYA
Specificity	This antibody binds to fruit fly Patj.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography
Cellular Localization	Nucleus; Plasma Membrane; Other locations

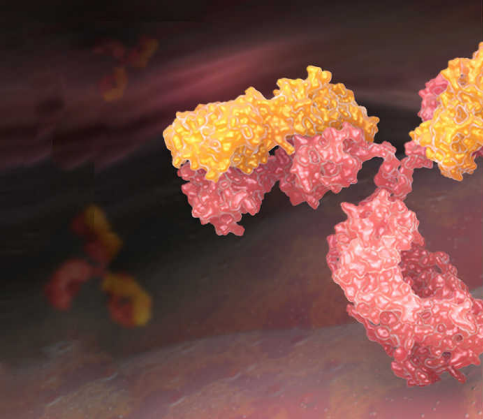
Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

Target

Introduction	This gene encodes a protein with multiple PDZ domains. PDZ domains mediate protein-protein interactions, and proteins with multiple PDZ domains often organize multimeric complexes at the plasma membrane. This protein localizes to tight junctions and to the apical membrane of epithelial cells. A similar protein in <i>Drosophila</i> is a scaffolding protein which tethers several members of a multimeric signaling complex in photoreceptors. (From NCBI)
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Product Overview	Mouse Anti-D. melanogaster Patj Antibody is a mouse antibody against Patj. It can be used for Patj detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Alternative Names	Patj homolog; Patj
UniProt ID	Q9NB04
Protein Refseq	The length of the protein is 871 amino acids long. The sequence is show below: MHLSADISSALQQIEAVKKGIDESDDPKLQMQTAESLSTILGILQDPVFRTIVH VQDSLS ELNAQLAQHPSMLPNDPFDIDVAGNLVLSLNGGEVMYDFDEQRSSSHSHSAPGSPDKSGGV GEE PRPQSQNSKGAGVADLYATDYAQIQAIELVNDGTGLGFGIIGARNSGVIVKTILPGG VADKDGRLRSGDHILQ IGDVNLHEMVSEQVAAVLRQSGTHVRLVVARPVEQSVPTPQYAL EPGTAVVPTRVLVDPAELERYLISTGYP EIFGESSTASTPQTTTDDRFFVYRGETSMLID PNIDLEELLALPETEKLQVELKKDANGLGITIAGYVCEKEEL SGIFVKSVSPGSAADLSG RIRVNDRIIEVDGQSLQGYSNHQAVELLKKGQVNLRLERYLRGPKFEQLQQ AIAANDK LPSSAPGTSPRAPMPTPVATTSSATTPSRISITRELEEEALPAPEAFMTTPPSVTMTMTT TLSSF GAGKQLVAVRDSLGDSTKIIPTEVVPLADKTEAKNSGVITRHKYYTDPELSDDAE TEIRKWQKIVGSDVEVI VAQIKKFAVGGLGISLEGTVDVEGGREVRPHHYIRSILPDGP VGVNGVLRSGDELLENVGERLLGMNHLEV VAILKELPLDVRMVCGRNRNSSLPPFSDDTL KKLSNNFENLLPATDRLVKAKSDGSLATAGSVADGDSVAAA AASFSKLKRSLEPLTGLA MWSSQPQIIELVKGDRGLGFSILDYQDPLDPNDTLVIRSLVPGGVAQLDGRLI PGDRLL FVNSINLENASLDQAVQALKGASKGVVRIGVAKPLPMTDNSLKACSNASTTSEETLDAQP SPPAL PTVAPPAMPPSASMGAEPDLIPDWRN.



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.