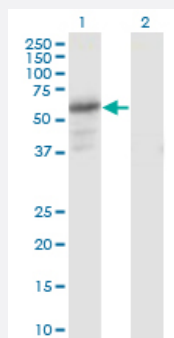


PDZD3 monoclonal antibody (M04), clone 1F2

Catalog # H00079849-M04

Size 100 ug

Applications

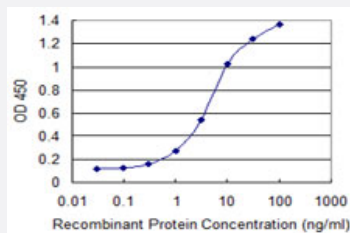


Western Blot (Transfected lysate)

Western Blot analysis of PDZD3 expression in transfected 293T cell line by PDZD3 monoclonal antibody (M04), clone 1F2.

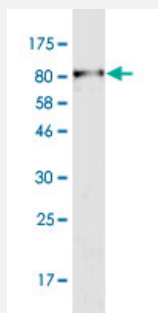
Lane 1: PDZD3 transfected lysate (52.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDZD3 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (79.53 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PDZD3.

Immunogen	PDZD3 (AAH29042, 1 a.a. ~ 491 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEKAADLQDTASLTLKFKFNPKLGIDNPVLSLAEDHDPYDPWSLERPRFCLLSKEEGKSFGFHL QQELGRAGHVVCRVDPGTSAGRQGLQEGDRILAVNNDVVEHEDYAVVRRIRASSPRVLLTVLA RHAHDVARAQLGEDAHLCPGLGPGVRPRLCHIVKDEGGFGFSVTHGNQGPFWLVLSTGGAAER AGVPPGARLLEVNLWQSGQQVTLLVAGPEVEEQCRQLGLPLAAPLAEGWALPTKPRCLHLEK GPQGFGLLREEKGLDGRPGQFLWEVDPGLPAKKAGMQAGDRLVAVAGESVEGLGHEETVSRI QQQGSCVSLTVVDPEADRFFSMVRLSPLLFLENTEAPASPQGSSSASLVETEDPSLEDTSVPSV PLGSRQCFLYPGPGGSYGFRLLSCVASGPRLFISQVTPGSSAARAGLQVGDVILEVNGYPVGGQN DLERLQQLPEAEPLCLKLAARSLRGGLEAWIPPGAAEDWALASDLL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (79.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PDZD3 expression in transfected 293T cell line by PDZD3 monoclonal antibody (M04), clone 1F2.

Lane 1: PDZD3 transfected lysate(52.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDZD3 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PDZD3

Entrez GeneID [79849](#)**GeneBank Accession#** [BC029042](#)**Protein Accession#** [AAH29042](#)**Gene Name** PDZD3**Gene Alias** FLJ22756, IKEPP, PDZK2**Gene Description** PDZ domain containing 3**Omim ID** [607146](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 119 50846]).[supplied by OMIM]

Other Designations PDZ domain containing 2[intestinal and kidney enriched PDZ protein]natrium-phosphate cotransporter 1la C-terminal-associated protein 2