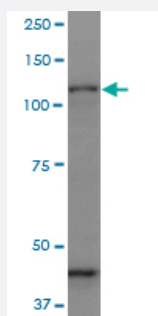


PCDHGC3 monoclonal antibody (M07), clone 1C4

Catalog # H00005098-M07

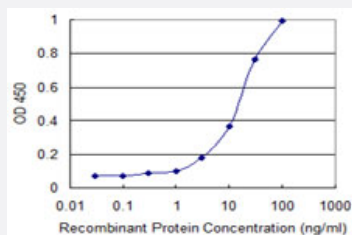
Size 100 ug

Applications



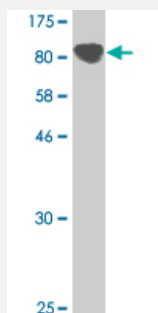
Western Blot (Cell lysate)

PCDHGC3 monoclonal antibody (M07), clone 1C4. Western Blot analysis of PCDHGC3 expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PCDHGC3 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (128.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PCDHGC3.

Immunogen	PCDHGC3 (AAH26218.1, 1 a.a. ~ 934 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVPEAWRSGLVSTGRVVGVLALLGALNKASTVIHYEIPEREKGFVGNVAVNLGLDLGSLSARRFRVVS GASRRFFE VNRETGEMFVNDRLDREELCGTLP SCTVTLELVVENPLELFSVEVVIQDINDNNPAFPTQEMKLEISEAVAPGTRFPLESAHDPDVGNSLQTYELSRNEYFALRVQTREDSTKYAELVLERALDREREPSLQLVLTALDGGTPALSASLPIHIKVL DANDNAPVFNQSLYRARVLEDAPSGTRVVQVLATDLDEGPNGEIIYSFGSHNRAGVRQLFALDLVTGMLTIKGRLDFEDTKLHEIMQAKDKGANPEGAHCKVLVEVVDVNDNAPEITVTSVYSPVPEDAPLGTVIALLSVTDLDAGENGLVTCEVPPGLPFSLTSSSLKNYFTLKTSADLDRETVP EYNLSITARDAGTPSLSALTIVRVQVSDINDNPPQSSQSSYDVYIEENNLPGAPILNLSVWDPDAPQNARLSFFLLEQGAETGLVG RYFTINRDNGVSSLVPLDYEDRREFELTAHISDGGTPVLATNISVNIFVTDNRNDAPQVLYPRPGGSSVEMLPRGTSAGHLVSRVVGWDADAGHNAWLSYSLGSPNQSLFAIGLHTGQISTARPVQD TDS PRQTLTVLIKDNGEPSLSTTATLTVSVTEDSPEARAEFPGSGAPREQKKNLTFYLLSLILVSVGVVTVFGV IIFKVYKWKQSRDLYRAPVSSLYRTPGPSLHADAVRGGLMSPHLYHQVYLTDSRRSDPLLKKPGAASPLASRQNTLRS CDPVFYRQVLGAESAPPGQQAPPNTDWRFSQAQRPGTSGSQNGDDTGTWPNNQFDTEMLQAMILASASEAADGSSTLGGGAGTMGLSARYGPQFTLQHVPDYRQNVYIPGSNATLTNAAGKRDGKAPAGGNGNKKKSGKKEKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (128.48 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 (Cell lysate)

PCDHGC3 monoclonal antibody (M07), clone 1C4. Western Blot analysis of PCDHGC3 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PCDHGC3 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PCDHGC3

Entrez GeneID [5098](#)

GeneBank Accession# [BC026218](#)

Protein Accession# [AAH26218.1](#)

Gene Name PCDHGC3

Gene Alias PC43, PCDH-GAMMA-C3, PCDH2

Gene Description protocadherin gamma subfamily C, 3

Omim ID [603627](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes. [provided by RefSeq]

Other Designations cadherin-like 2|protocadherin 2|protocadherin 43