OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for BM5099

delta 2 Catenin (CTNND2) Mouse Monoclonal Antibody [Clone ID: J19]

Product data:

Product Type:	Primary Antibodies
Clone Name:	J19
Applications:	IHC, WB
Recommended Dilution:	**Immunoblotting.** **Immunohistochemistry on Frozen Sections.** **Immunohistochemistry on Paraffin Sections:** Ready-to-use (only after microwave treatment). *Positive Control:* Murine Brain, Retina.
Reactivity:	Bovine, Human, Mouse, Rat, Zebrafish
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide J6 (corresponding to aa 292-309), coupled to KLH
Specificity:	This Monoclonal antibody reacts specifically with Neurojungin (delta-catenin,a unique 160 kD polypeptide of the plakoglobin / armadillo protein family) present in adhering type junctions in the nervous system, primarily expressed in the brain. Deltacatenin also binds to Presenilin-1, mutations of this protein are described to play a role in familial Alzheimer's disease. No cross-reaction with other members of the Armadillo / Plakoglobin protein family. The antibody is positive with a 300 kD polypetide in Endothelia from blood vessels.
Formulation:	State: Supernatant State: Liquid Culture Supernatant with 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	catenin delta 2
Database Link:	Entrez Gene 1501 Human Q9UQB3

View online »

Background: Delta-Catenin, is a member of the p120 catenin subfamily of catenins. Delta-Catenin/NPRAP was identified as a protein homologous to plakophilin 1 and as a protein interacting with the loop region of presenilin 1 (PS1), the gene most commonly mutated in Alzheimer's disease. Delta-Catenin/NPRAP is almost exclusively expressed in the central nervous system mainly during early brain development. Delta-Catenin/NPRAP has been shown to co-localize and interact with N-cadherin in the mouse brain and to undergo dynamic relocalization during brain development.

Synonyms: CTNND2, NPRAP, Delta-catenin, Neurojungin, GT24