**anti-delta Catenin mouse monoclonal, J19, supernatant**

**Cat. No.** 651152  
**Quantity** 5 mL

**Product description**

**Host** mouse  
**Antibody Type** monoclonal  
**Isotype** IgG1  
**Clone** J19  
**Immunogen** Synthetic peptide J6 (corresponding to aa 292-309), coupled to KLH  
**Purification** hybridoma cell culture supernatant  
**Conjugate** unconjugated  
**Formulation** contains 0.09% sodium azide  
**Storage** short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/thaw cycles  
**Tested species reactivity** bovine, human, mouse, rat, zebrafish

**Applications**

**Tested applications**  
Immunohistochemistry (IHC) - frozen ready-to-use  
Immunohistochemistry (IHC) - paraffin ready-to-use (microwave treatment recommended)  
Western Blot (WB) assay dependent

**Background**

The mab 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. Delta-catenin 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.

Polypeptide reacting: Neurojungin (delta-catenin), 160 kD polypeptide; in endothelia from blood vessels the antibody is positive with a 300 kD polypeptide.

Reactivity on cultured cell lines: Murine cell line A1B2, A431 stably transfected with neurojungin cDNA.

Positive control: Murine brain, retina.
**Reference**

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