

**Antibody to p120 Catenin (2B12)**
MOUSE MONOCLONAL

Catalog Number: AB-V62
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Isotype: IgG1
Clone: 2B12
Immunogen: Tyrosine phosphoproteins purified from chicken embryonic fibroblasts (CEFs) expressing pp60/c-src 527F and 2A/527F

Background: Catenins are a family of proteins that associate with cadherin cell adhesion molecules to regulate cell-cell junctions. p120 catenin, a member of the Armadillo family of junctional plaque proteins, is involved in maintaining cadherin stability at the cell membrane and modulating intracellular signaling pathways. Dysregulation of p120 catenin expression or function has been implicated in cancer development and progression.

Specificity & Preparation: This Mouse IgG1 antibody is generated against tyrosine phosphoproteins purified from chicken embryonic fibroblasts (CEFs) expressing pp60/c-src 527F and 2A/527F and recognizes mouse, rat, hamster, human and chicken homologs of p120/catenin.

Usage: Applications include western blot and immunoprecipitation. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.



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Selected References:

1. Kanner SB, Reynolds AB, Parsons JT (1991) Tyrosine phosphorylation of a 120-kilodalton pp60src substrate upon epidermal growth factor and platelet-derived growth factor receptor stimulation and in polyomavirus middle-T-antigen-transformed cells. Mol Cell Biol 11(2):713-720. doi: 10.1128/mcb.11.2.713-720.1991 PMID: 1703631

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