

# Anti-Catenin, beta (p120) Antibody

Mouse Monoclonal Antibody Catalog # AH13151

### **Product Information**

Application WB, IF, FC
Primary Accession P35222
Other Accession 476018

**Reactivity** Human, Chicken, Bovine, Dog

**Host** Mouse **Clonality** Monoclonal

Isotype Mouse / IgG1, kappa

Clone Names 9F2

## **Additional Information**

Other Names Cadherin associated protein, beta 1 88kDa, Catenin beta-1, CATNB, CHBCAT,

CTNNB1

**Application Note** Flow Cytometry (0.5-1ug/million cells); ,Immunofluorescence (1-2ug/ml);

,Western Blotting (0.5-1ug/ml) ,Optimal dilution for a specific application

should be determined.

**Format** 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available

WITHOUT BSA & azide at 1.0mg/ml.

**Storage** Store at 2 to 8°C.Antibody is stable for 24 months.

**Precautions** Anti-Catenin, beta (p120) Antibody is for research use only and not for use in

diagnostic or therapeutic procedures.

### **Protein Information**

# **Background**

This MAb recognizes a protein of 92kDa, which is identified as beta-catenin. It shows no cross-reaction with gamma-catenin (also known as plakoglobin). The catenins, alpha, beta and gamma bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. Alpha-catenin was initially described as an E-cadherin-associated protein, and has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. Beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. Beta-catenin has also been found in complexes with the tumor suppressor protein APC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.