

**Rabbit Anti-Catenin p120 [EP66]: RM0151**

**Intended Use:** For Research Use Only

**Description:** Catenins are proteins that are linked to the cytoplasmic domain of transmembrane cadherins. p120 Catenin is a member of this Armadillo gene family of junctional plaque proteins. The association of catenins to cadherins produces a complex which is linked to the actin filament network, and which seems to be important for cadherins cell-adhesion properties. Cytoplasmic accumulation of p120 Catenin has been observed in lung cancer, pancreatic cancer, gastric cancer and colon cancers and is associated with poor progress in colon cancer patients. In breast lobular neoplasia, p120 Catenin shows a diffuse cytoplasmic immunostaining pattern, while breast ductal neoplasia retains the membrane immunostaining pattern. p120 Catenin is useful in differentiation of lobular carcinoma from ductal carcinoma of the breast and in identifying early lesions of lobular neoplasia.

**Specifications**

Clone: EP66  
Source: Rabbit  
Reactivity: Human  
Isotype: IgG  
Localization: Cytoplasm, membrane  
Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN<sub>3</sub>)  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC  
Package:

Description	Catalog No.	Size
p120 Catenin Concentrated	RM0151	1 ml

**IHC Procedure\***

Positive Control Tissue: Breast lobular cancer, melanoma  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.