Recombinant Catenin, beta (p120) Antibody

Mouse Monoclonal Antibody [Clone rCTNNB1/8043]

Catalog No	Format	Size
1499-MSM21-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1499-MSM21-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1499-MSM21-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

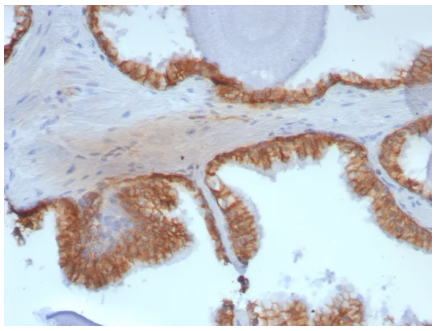
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

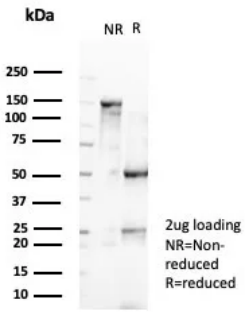
Clone	rCTNNB1/8043
Immunogen	Recombinant fragment (around aa46-64) of the human Beta-Catenin protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	85.5kDa
Cellular Localization	Adherens junction, Cell junction, Cell membrane, Centrosome, Cilium basal body, Cytoplasm, Cytoskeleton, Microtubule organizing center, Nucleus, Spindle pole, Synapse
Species Reactivity	Human
Positive Control	HeLa or MCF-7 cells. Human breast carcinoma

**Optimal dilution for a specific application should be determined.*

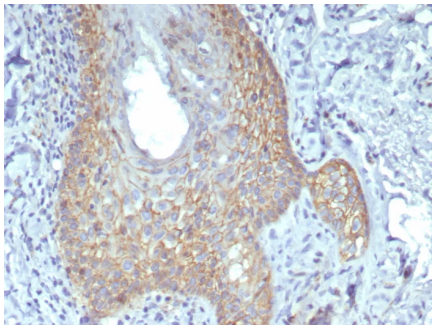
Product Images for Recombinant Catenin, beta (p120) Antibody



Formalin-fixed, paraffin-embedded human prostate stained with Beta-Catenin Mouse Recombinant Monoclonal Antibody (rCTNNB1/8043). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified Beta-Catenin Mouse Recombinant Monoclonal (rCTNNB1/8043). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human skin stained with Beta-Catenin Mouse Recombinant Monoclonal Antibody (rCTNNB1/8043). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

Beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. In normal tissues, beta-catenin is localized to the membrane of epithelial cells, consistent with its role in the cell adhesion complex.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.