Product Datasheet

p120-catenin Antibody (CTNND1/4207) [mFluor Violet 610 SE]

NBP3-14024MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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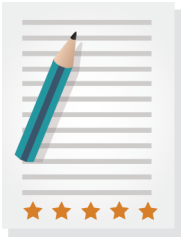

NBP3-14024MFV610

p120-catenin Antibody (CTNND1/4207) [mFluor Violet 610 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CTNND1/4207
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	mFluor Violet 610 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1500
Gene Symbol	CTNND1
Species	Human
Specificity/Sensitivity	Alpha-catenin and beta-catenin bind to the intracellular domain of E-cadherin while p120 catenin binds E-cadherin at a juxta-membrane site. The complex stabilizes tight junctions. In the cell, p120 catenin localized to the E-cadherin/catenins cell adhesion complex, directly associates with cytoplasmic C-terminus of E-cadherin and may similarly interact with other cadherins. p120 is a proliferation-associated nucleolar protein found in most human malignant tumors, but not in resting normal cells. In colorectal cancer the altered localization of p120 catenin corresponds with loss of cytoplasmic localization of E-cadherin. Studies have shown accurate categorization of ductal vs. lobular neoplasia in the breast was achieved with p120 staining. p120 expression further clarifies the separation of low-grade ductal carcinoma in situ from lobular neoplasia. Studies also have shown that altered expression of p120 catenin antibody predicts poor outcome in invasive breast cancer.
Immunogen	Recombinant fragment (around aa100-300) of human p120-catenin (exact sequence is proprietary) (Uniprot: O60716)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to NBP3-14024MFV610

NBP1-43319MFV610	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [mFluor Violet 610 SE]
H00001500-Q01-10ug	Recombinant Human p120-catenin GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]
NBP2-10650	p120-catenin Overexpression Lysate

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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