

# Product Datasheet

## E-Cadherin Antibody (CDH1/1122) [Alexa Fluor® 405] NBP2-47828AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47828AF405**

E-Cadherin Antibody (CDH1/1122) [Alexa Fluor® 405]

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	CDH1/1122
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	999
Gene Symbol	CDH1
Species	Human
Marker	Intercellular Junction Marker
Specificity/Sensitivity	Recognizes a protein of 120-80kDa, identified as E-cadherin. Cadherins comprise a family of Ca <sup>2+</sup> -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH <sub>2</sub> terminal repeats. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as E-catenin, to regulate cadherin function. E-cadherin plays an important role in epithelial cell adhesion. A decreased expression of E-cadherin is associated with metastatic potential and poor prognosis in breast cancer, prostate and esophageal cancer. In combination with p120 Catenin, it is useful for the differentiation between ductal (E-cadherin +) and lobular (E-cadherin -) breast carcinomas. It may also help in diagnosis of mesothelioma.
Immunogen	Recombinant fragment (119 Amino acid residues around aa 400-500) of human E-Cadherin protein



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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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