

Product Datasheet

E-Cadherin Antibody (CDH1/1121) [Janelia Fluor® 549] NBP2-47827JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47827JF549

E-Cadherin Antibody (CDH1/1121) [Janelia Fluor® 549]

| 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 | CDH1/1121 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 549 |
| 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 ²⁺ -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 ₂ 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 |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus |

| Product Application Details | |
|-----------------------------|---|
| Applications | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |
| Application Notes | 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

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