

# Product Datasheet

## Fascin Antibody (FSCN1/418) [PE/Cy5.5] NBP2-47802PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-47802PECY55**

Fascin Antibody (FSCN1/418) [PE/Cy5.5]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | FSCN1/418  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2b Kappa  |
| <b>Conjugate</b>                   | PE/Cy5.5   |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 6624   |
| <b>Gene Symbol</b>                 | FSCN1  |
| <b>Species</b>                     | Human, Rat   |
| <b>Marker</b>                      | Reed-Sternberg Cell Marker   |
| <b>Specificity/Sensitivity</b>     | Recognizes a protein of 55kDa, which is identified as fascin-1. Its actin binding ability is regulated by phosphorylation. Antibody to fascin-1 is a very sensitive marker for Reed-Sternberg cells and variants in nodular sclerosis, mixed cellularity, and lymphocyte depletion Hodgkins disease. It is uniformly negative in lymphoid cells, plasma cells, and myeloid cells. Fascin-1 is also expressed in dendritic cells. This marker may be helpful to distinguish between Hodgkin lymphoma and non-Hodgkin lymphoma in difficult cases. Also, the lack of expression of fascin-1 in the neoplastic follicles in follicular lymphoma may be helpful in distinguishing these lymphomas from reactive follicular hyperplasia in which the number of follicular dendritic cells is normal or increased. Antibody to fascin-1 has been suggested as a prognostic marker in neuroendocrine neoplasms of the lung as well as in ovarian cancer. Fascin-1 expression may be induced by Epstein-Barr virus (EBV) infection of B cells with the possibility that viral induction of fascin in lymphoid or other cell types must also be considered in EBV-positive cases. |
| <b>Immunogen</b>                   | Full length recombinant human Fascin protein (Uniprot: Q16658)   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence  |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready  |

**Application Notes**

Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at [technical@novusbio.com](mailto:technical@novusbio.com) if you have any questions.





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### **Products Related to NBP2-47802PECY55**

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|                  |   |
|------------------|---|
| NBP1-43317PECY55 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [PE/Cy5.5] |
| NBP1-45313-0.1mg | Recombinant Human Fascin His Protein                            |
| 210-TA-005       | TNF-alpha [Unconjugated]  |
| NBP2-75350       | Human Fascin ELISA Kit (Chemiluminescence)                      |

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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.

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