

# Product Datasheet

## Villin 1 Antibody (VIL1/2376) [Alexa Fluor® 532] NBP3-08928AF532

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08928AF532**

Villin 1 Antibody (VIL1/2376) [Alexa Fluor® 532]

| Product Information     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage                 | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality               | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clone                   | VIL1/2376                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype                 | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate               | Alexa Fluor 532                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                  | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                 | 7429                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol             | VIL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Marker                  | GI-Mucosal & Urogenital Brush Border Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | Recognizes a protein of 95kDa, which is identified as villin. It is a major constituent in the microvilli, which compose the brush border of epithelial cells forming absorptive surfaces of the intestinal and renal proximal tubular epithelia. Anti-Villin labels the brush border area in the gastrointestinal mucosal epithelium and urogenital tract. Among neoplasms, villin is predominantly expressed in tumors of colorectal origin. Antibody to villin is useful in identifying malignant cells from primary and metastatic colorectal carcinomas. This antibody also labels Merkel cells of the skin. |
| Immunogen               | A recombinant fragment (around aa 179-311) of human Villin 1 protein (exact sequence is proprietary) (Uniprot: P09327)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin                                          |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin                                          |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-08928AF532**

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|                    |                                                 |
|--------------------|-------------------------------------------------|
| H00007429-P01-10ug | Recombinant Human Villin 1 GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                        |
| H00007429-Q01-10ug | Recombinant Human Villin 1 GST (N-Term) Protein |
| 314-BP-010         | BMP-4 [Unconjugated]                            |

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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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