

# Product Datasheet

## CDX2 Antibody (PCRP-CDX2-1A3) [Alexa Fluor® 532] NBP2-75759AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75759AF532**

CDX2 Antibody (PCRP-CDX2-1A3) [Alexa Fluor® 532]

| 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                   | PCRP-CDX2-1A3   |
| 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                 | 1045  |
| Gene Symbol             | CDX2  |
| Species                 | Human   |
| Marker                  | GI Epithelial Marker  |
| Specificity/Sensitivity | The specificity of this monoclonal antibody to its intended target was validated by HuProtTMArray, containing more than 19,000, full-length human proteins. The intestine-specific transcription factors CDX1 and CDX2 are important for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. CDX2 protein expression has been seen in GI carcinomas. Anti-CDX2 has been useful to establish GI origin of metastatic adenocarcinomas and carcinoids and is especially useful to distinguish metastatic colorectal adenocarcinoma from lung adenocarcinoma. However, mucinous carcinomas of the ovary also express CDX2 protein. It limits the usefulness of this marker in the distinction of metastatic colorectal adenocarcinoma from mucinous carcinoma of the ovary. |
| Immunogen               | Recombinant human full-length CDX2 protein (Uniprot: Q99626)  |



|              |  |
|--------------|--|
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|--------------|--|

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



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### **Products Related to NBP2-75759AF532**

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|                    |   |
|--------------------|---|
| H00001045-P01-10ug | Recombinant Human CDX2 GST (N-Term) Protein |
| DY3665-05          | CDX2 [Biotin]                               |
| AF1997             | Nanog Antibody [Unconjugated]               |
| AF2018             | SOX2 Antibody [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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