

# Product Datasheet

## CD117/c-kit Antibody (KIT/982) [Allophycocyanin] NBP3-11446APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11446APC**

CD117/c-kit Antibody (KIT/982) [Allophycocyanin]

| <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.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | KIT/982   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | Allophycocyanin   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 3815  |
| <b>Gene Symbol</b>                 | KIT   |
| <b>Species</b>                     | Human   |
| <b>Marker</b>                      | Marker for Gastrointestinal Stromal Tumors  |
| <b>Specificity/Sensitivity</b>     | This monoclonal antibody recognizes a protein of 145kDa, identified as CD117/p145kit. It is found on a wide variety of tumor cells including follicular and papillary carcinoma of thyroid, adenocarcinomas from endometrium, lung, ovary, pancreas, and breast as well as malignant melanoma, endodermal sinus tumor, and small cell carcinoma. However, anti-CD117 has been particularly useful in differentiating gastrointestinal stromal tumors from Kaposi sarcoma, tumors of smooth muscle origin, fibromatosis, and neural tumors of the GI tract. Anti-CD117 is also useful in recognizing myeloblasts in bone marrow biopsy and clot section. |
| <b>Immunogen</b>                   | Recombinant fragment (around aa100-300) of human CD117/c-kit protein (exact sequence is proprietary) (Uniprot: P10721)  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Protein Array   |
| <b>Recommended Dilutions</b>       | Western Blot, Protein Array   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP3-11446APC**

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|               |  |
|---------------|--|
| IC002A        | Mouse IgG1 Isotype Control (11711) [Allophycocyanin] |
| NBP2-34487PEP | CD117/c-kit Recombinant Protein Antigen              |
| 210-TA-005    | TNF-alpha [Unconjugated]                             |
| DY332         | CD117/c-kit [Biotin]                                 |

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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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