

# Product Datasheet

## CD117/c-kit Antibody (ACK2) [PE] NBP1-43359PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-43359PE**

CD117/c-kit Antibody (ACK2) [PE]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | ACK2  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG2b Kappa   |
| Conjugate                   | PE  |
| Purity                      | Protein A or G purified   |
| Buffer                      | PBS   |
| Product Description         |   |
| Host                        | Rat   |
| Gene ID                     | 3815  |
| Gene Symbol                 | KIT   |
| Species                     | Human, Mouse, Guinea Pig  |
| Reactivity Notes            | Human reactivity reported in scientific literature (PMID: 23967247). Guinea Pig reactivity reported in scientific literature (PMID: 21654812)                                   |
| Marker                      | Hematopoietic Stem Cell Marker  |
| Specificity/Sensitivity     | The ACK2 monoclonal antibody reacts with mouse CD117, also known as c-Kit receptor, Steel factor receptor and stem cell factor receptor.  |
| Immunogen                   | Mouse CD117   |
| Product Application Details |   |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry Whole-Mount |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |



## Images

CD117/c-kit Antibody (ACK2) [PE] [NBP1-43359PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

| LASER (nm) | FILTER |
|------------|--------|
| Blue (488) | 582/15 |
| Y-G (561)  |        |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 498                 | 578               |
| 565                 |                   |



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### **Products Related to NBP1-43359PE**

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|               |   |
|---------------|---|
| NBP1-43323PE  | Rat IgG2b Kappa Light Chain Isotype Control (149/10H5) [PE] |
| 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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