

# Product Datasheet

## CD117/c-kit Antibody (ACK2) [mFluor Violet 500 SE] NBP1-43359MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-43359MFV500**

CD117/c-kit Antibody (ACK2) [mFluor Violet 500 SE]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Concentrations vary lot to lot. See 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>                       | ACK2   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2b Kappa  |
| <b>Conjugate</b>                   | mFluor Violet 500 SE   |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Rat  |
| <b>Gene ID</b>                     | 3815   |
| <b>Gene Symbol</b>                 | KIT  |
| <b>Species</b>                     | Human, Mouse, Guinea Pig   |
| <b>Reactivity Notes</b>            | Human reactivity reported in scientific literature (PMID: 23967247). Guinea Pig reactivity reported in scientific literature (PMID: 21654812)                                  |
| <b>Marker</b>                      | Hematopoietic Stem Cell Marker   |
| <b>Specificity/Sensitivity</b>     | The ACK2 monoclonal antibody reacts with mouse CD117, also known as c-Kit receptor, Steel factor receptor and stem cell factor receptor.                                       |
| <b>Immunogen</b>                   | Mouse CD117  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry Whole-Mount |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



## Images

CD117/c-kit Antibody (ACK2) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.



mFluor™ Violet 500

| LASER (nm)   | FILTER |
|--------------|--------|
| Violet (405) | 515/20 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 410                 | 501               |



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### **Products Related to NBP1-43359MFV500**

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|               |   |
|---------------|---|
| NBP2-52974PEP | CD117/c-kit Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                |
| DY332         | CD117/c-kit [Biotin]                    |
| D6050         | IL-6 [HRP]                              |

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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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