

# Product Datasheet

## CD47 Antibody (CD47/6362R) [Alexa Fluor™ Plus 594] NBP3-08218AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08218AFP594**

CD47 Antibody (CD47/6362R) [Alexa Fluor™ Plus 594]

| 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               | CD47/6362R  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG Kappa   |
| Conjugate           | Alexa Fluor Plus 594  |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Rabbit   |
| Gene ID                 | 961  |
| Gene Symbol             | CD47   |
| Species                 | Human  |
| Specificity/Sensitivity | This antibody reacts with Ig domain of CD47 protein. CD47, originally named integrin-associated protein (IAP), is a 50kDa protein containing five membrane-spanning sequences and a short cytoplasmic tail. CD47 plays a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. It is important in memory formation and synaptic plasticity in the hippocampus. CD47 may play a role in membrane transport and/or integrin dependent signal transduction.  |
| Immunogen               | A recombinant fragment (around aa 18-135) of human CD47 protein (exact sequence is proprietary) (Uniprot: Q08722)  |
| Notes                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details |                                      |
|-----------------------------|--------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, ELISA |



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





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### **Products Related to NBP3-08218AFP594**

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|                   |  |
|-------------------|--|
| NBP2-52320-0.05mg | Recombinant Human CD47 hIgG-His Protein    |
| 210-TA-005        | TNF-alpha [Unconjugated]                   |
| 1866-CD-050       | CD47 [Unconjugated]                        |
| AF835             | Caspase-3 Antibody [Unconjugated] - Active |

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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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