

# Product Datasheet

## MAGEA1 Antibody (MZ2E/838) [Alexa Fluor™ Plus 594] NBP3-11463AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11463AFP594**

MAGEA1 Antibody (MZ2E/838) [Alexa Fluor™ Plus 594]

| <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>                   | MZ2E/838   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG1 Kappa   |
| <b>Conjugate</b>               | Alexa Fluor Plus 594   |
| <b>Purity</b>                  | Protein A or G purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 4100   |
| <b>Gene Symbol</b>             | MAGEA1   |
| <b>Species</b>                 | Human  |
| <b>Specificity/Sensitivity</b> | Recognizes a protein of 42-46kDa, identified MAGEA1 (MAGE-1). This monoclonal antibody does not cross-react with other members of MAGE-family. Human malignant neoplasms carry rejection antigens that are recognized by the patients' autologous, tumor directed and specific, cytolytic, CD8+ T lymphocyte clones (CTL). The MAGE family of genes codes an important group of antigens. It was identified that melanomas and primary glial brain tumors express common melanoma associated antigens (MAAs). Because MAGEA1 is expressed on a significant proportion of human neoplasms of various histological types (melanoma, brain tumors of glial origin, neuroblastoma, non-small cell lung cancer, breast, gastric, colorectal, ovarian, renal cell carcinomas) and not on normal tissues, the encoded antigen may serve as a marker of early detection and target for cancer immunotherapy. |
| <b>Immunogen</b>               | Recombinant human MAGEA1 protein (Uniprot: P43355)   |

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| <b>Notes</b> | <p>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.</p> |
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| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunofluorescence |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP3-11463AFP594**

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|                    |   |
|--------------------|---|
| H00004100-P01-10ug | Recombinant Human MAGEA1 GST (N-Term) Protein |
| 485-MI-100         | IFN-gamma [Unconjugated]                      |
| H00004100-Q01-10ug | Recombinant Human MAGEA1 GST (N-Term) Protein |
| 202-IL-010         | IL-2 [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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