

# Product Datasheet

## Bax Antibody (2D2) [Alexa Fluor™ Plus 594] NBP2-33092AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33092AFP594**

Bax Antibody (2D2) [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>                   | 2D2  |
| <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>                 | 581  |
| <b>Gene Symbol</b>             | BAX  |
| <b>Species</b>                 | Human, Monkey, Mouse (Negative), Rat (Negative)  |
| <b>Reactivity Notes</b>        | Does not react with Mouse or Rat.  |
| <b>Marker</b>                  | Apoptosis Marker   |
| <b>Specificity/Sensitivity</b> | Recognizes a protein of 21kDa, identified as the Bax protein. This monoclonal antibody is highly specific to Bax and shows no cross-reaction with Bcl-2 or Bcl-X protein. Bcl-2 blocks cell death following a variety of stimuli. Bax has extensive amino acid homology with Bcl-2 and it homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line, and Bax also counters the death repressor activity of Bcl-2.  |
| <b>Immunogen</b>               | A synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. (Uniprot: Q07812)  |
| <b>Notes</b>                   | 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. |

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





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### **Products Related to NBP2-33092AFP594**

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|                    |  |
|--------------------|--|
| H00000581-P01-10ug | Recombinant Human Bax GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                   |
| NBP2-69937         | Mouse Bax ELISA Kit (Colorimetric)         |
| 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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