

# Product Datasheet

## Bax Antibody (2D2) [PE] **NBP2-33092PE**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NBP2-33092PE**

Bax Antibody (2D2) [PE]

**Product Information**

|                                |   |
|--------------------------------|---|
| <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>               | PE  |
| <b>Purity</b>                  | Protein A or G purified   |
| <b>Buffer</b>                  | PBS   |
| <b>Target Molecular Weight</b> | 21 kDa  |

**Product Description**

|                                |   |
|--------------------------------|---|
| <b>Description</b>             | 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>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-GSSEQPRGGGPTSS) of human bax protein. (Uniprot: Q07812)   |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| <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 NBP2-33092PE

|                    |  |
|--------------------|--|
| NBP1-43319PE-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PE] |
| H00000581-P01-10ug | Recombinant Human Bax GST (N-Term) Protein         |
| 210-TA-005         | TNF-alpha [Unconjugated]                           |
| NB100-56095PEP     | Bax Antibody Blocking Peptide                      |

## 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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