



33-6400 100 µg
Mouse Anti-Bax
Lot No.

MOUSE MONOCLONAL ANTIBODY TO BAX

FORM

This antibody is highly purified from mouse ascites by Protein A-affinity chromatography and is supplied as a 200 µl aliquot at a concentration of 0.5 mg/ml in PBS (pH 7.4) containing 0.1% NaN₃.

CLONE: 2D2 **ISOTYPE:** Mouse IgG₁

IMMUNOGEN

Synthetic peptide corresponding to a sequence at the N-terminal of the human protein.

SPECIFICITY

This antibody reacts specifically with the human Bax protein.

REACTIVITY

The Bax protein has been detected in human and monkey samples. Positive control: HeLa cell lysate.

BACKGROUND

The 21 kDa Bax protein forms multimeric complexes with Bcl-2. The nature of the complex formation will regulate the death or survival of cells following the introduction or removal of apoptotic factors.

USAGE

The dilutions given below are good starting points; however, optimal dilution of the antibody should be determined by the investigator for each application.

IHC (paraffin-embedded tissue):	2-10 µg/ml
Western Blotting⁽¹⁾:	1 µg/ml
ELISA:	0.1-1 µg/ml
Immunoprecipitation⁽¹⁾:	2-5 µg

* Formalin-fixed, paraffin embedded sections required a Heat Induced Epitope Retrieval (HIER) step prior to staining.

STORAGE

This antibody can be stored at 2-8°C for at least one month. For long term storage, -20°C is recommended; however, repeated freezing and thawing cycles should be avoided.

REFERENCES:

1. Hsu, YT et al; J. Biol. Chem. 272:13829-13834 (1997).

For Research Use Only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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PI336400

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