



PRODUCT DATA SHEET

Product: Anti-Bax, universal mAb, clone 6A7

Cat. No.: MC-305 (100 µg)

Specificity:

Monoclonal antibody recognizes Bax protein. Binding is conformation-dependent and only the detergent-treated form of the Bax protein is recognized. Does not recognize the soluble cytosolic form of bax, nor will it bind Bax complexes with either Bcl-XL or Bcl-2.

Bax is a Bcl-2 homolog and a member of the Bcl-2 family of oncoproteins. It can suppress Bcl-2 function, thereby inducing apoptosis. The ratio of Bax to other Bcl-2 family members regulates apoptosis.

Species Reactivity:

Human, mouse and rat. Others not tested.

Ig Isotype:

Mouse IgG₁

Immunogen:

Synthetic peptide corresponding to aa 12-24 of the human Bax protein

Format:

100 µg of 0.2 µm sterile filtered monoclonal antibody at 1 mg/mL in PBS with 0.08% sodium azide. Purified from ascites fluid.

Storage:

Store at -20°C. Aliquot to avoid repeated freeze/thaws.

Applications and Suggested Dilutions:

- Immunoprecipitation: Use 1 µg/10⁶ cells. Does not precipitate Bax in the absence of detergent (Triton X-100 recommended).

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.