

Monoclonal Mouse Antibody to Bax (Apoptosis Marker)

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| Catalog No.: | Mob 246, Mob 246-05 |
| Applications: | Research Use Only. Optimal working conditions must be determined by the end user. |
| Immunogen: | BALB/C mice were injected with a synthetic peptide amino acids 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. |
| Clone: | 2D2 |
| Isotype: | IgG1 |
| Format: | This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative. |
| Titer/Working Dilution: | This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed. |
| Histology Staining: | We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u> |
| Positive Control: | Hodgkin's lymphoma |
| Cellular Localization: | Cytoplasmic, cell membrane |
| Specificity: | This antibody recognizes a 24 kD protein identified as bax protein. It is highly specific to bax and does not cross react with bcl-2 alpha or bcl-X proteins. This antibody does not cross react with mouse and rat. |
| Storage: | Store at 2-8°C. Do not use beyond the expiration date stated on the label. |
| References: | <ul style="list-style-type: none"> i) Hsu et al. J Biol. Sci. 272: 13829, 1997. ii) Hsu et al. Proc Natl Acad Sci. USA 94: 3668, 1997. iii) Wolter et al. J Cell Biol. 139: 1281, 1997. |

RUO: Research Use Only

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