

## Anti-Rat Bax Purified

Catalog Number: 14-6999

RUO: For Research Use Only

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### Product Information

Contents: Anti-Rat Bax Purified


 Catalog Number: 14-6999

Clone: 1D1


Concentration: 0.5 mg/mL


Host/Isotype: Mouse IgG1,  $\kappa$

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

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### Description

The 1D1 monoclonal antibody reacts with rat Bax (~21 kDa), and does not react with human and mouse Bax. 1D1 shows no cross-reaction with Bcl-2 or Bcl-x<sub>L</sub> proteins. Bcl-2, Bax, and Bcl-x<sub>L</sub> are members of a protein family that regulates apoptosis; while several family members including Bcl-2 and Bcl-x<sub>L</sub> inhibit apoptosis, overexpression of Bax promotes programmed cell death. A rat Bax protein peptide sequence, aa 3-16, was used as immunogen.

### Applications Reported

The 1D1 antibody has been reported for use in immunoprecipitation, and immunoblotting (WB).

### Applications Tested

The 1D1 antibody has been tested by Western Blot and can be used at approximately 1  $\mu$ g/ml. 1D1 can also be used in IP at approximately 1-10  $\mu$ g/ml. It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

### References

Hsu YT, et al. PNAS USA (1997) 94(8): 3668-72.

Hsu YT, et. al. Journal of Biological Chemistry (1997) 272(21): 13829-34.

### Related Products

14-6996 Anti-Human Bax Purified (2D2)

14-6997 Anti-Bax Purified (6A7)

14-6998 Anti-Mouse Bax Purified (5B7)

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