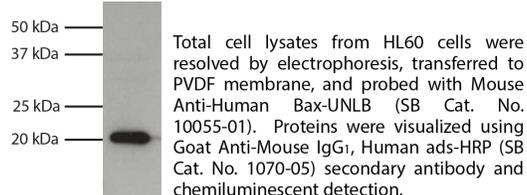




Mouse Anti-Human Bax

Cat. No.	Format	Size
10055-01	Purified (UNLB)	0.1 mg



Overview

Clone	2D2
Isotype	Mouse IgG ₁ κ
Immunogen	Human Bax peptide (a.a. 3-16)
Specificity	Human/Monkey/Canine/Bovine Bax
Alternate Name(s)	Apoptosis regulator BAX, BCL2 associated X protein

Description

Bax is a 20-22 kDa member of the Bcl-2 family of proteins involved in regulation of programmed cell death, or apoptosis. In murine thymocytes, it is expressed primarily as a cytoplasmic protein. Over-expression of Bax promotes apoptosis by formation of homodimers and through heterodimerization with Bcl-2, an inhibitor of apoptosis. The monoclonal antibody 2D2 reacts with an N-terminal epitope between amino acids 3-16 of human Bax. It can bind both soluble and detergent-altered forms of Bax as well as Bax-Bcl-2 and Bax-Bcl-x_L heterodimers.

Applications

WB – Quality tested^{1-10,16}
 IP – Reported in literature^{5,6,9,11}
 FC – Reported in literature¹²
 IHC-PS – Reported in literature^{9,10,13}
 ICC – Reported in literature^{5,11,14}
 Neut – Reported in literature¹⁵
 Purification – Reported in literature¹⁶

Working Dilutions

Immunoblotting	Purified (UNLB) antibody	≤ 2 µg/mL
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

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