



## MOUSE ANTI-BCL-X, clone 2H12 MONOCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	MAB4625
<b>LOT NUMBER:</b>	xxxxxxx
<b>QUANTITY:</b>	50 µg
<b>CONCENTRATION:</b>	200 µg/mL
<b>BACKGROUND:</b>	Bcl-X has two isoforms, Bcl-XL (long), a 241-aa protein, and Bcl-XS (short), a 178-aa protein lacking a 63 aa domain that is well conserved among members of the Bcl-2 family.
<b>SPECIFICITY:</b>	MAB4625 recognizes both Bcl-XS and Bcl-XL.
<b>IMMUNOGEN:</b>	Synthetic peptide, aa 3-14 of human Bcl-X protein. This amino acid sequence is shared by human and murine Bcl-X protein.
<b>ISOTYPE:</b>	IgG <sub>2a</sub>
<b>CLONE NAME:</b>	2H12
<b>APPLICATIONS:</b>	Flow Cytometry Immunofluorescence Immunoprecipitation: native protein (2ug/mg protein lysate) Immunohistochemistry (formalin/paraffin): 2-4ug/mL for 30 min. at RT (Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10-20 minutes followed by cooling at RT for 20 min.) <i>Optimal working dilutions must be determined by end user.</i>
<b>SPECIES REACTIVITIES:</b>	Human, mouse, rat, porcine
<b>FORMAT:</b>	Purified immunoglobulin by Protein A
<b>PRESENTATION:</b>	Liquid in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
<b>STORAGE/HANDLING:</b>	Maintain at 2-8°C for up to 12 months.
<b>REFERENCES:</b>	<ol style="list-style-type: none"><li>1. Hsu, Y.T. et al. (1997). <i>J. Biological Chem.</i> <b>272(21)</b>: 13829-13834.</li><li>2. Hsu, Y.T. et al. (1997). <i>Proc. Nat. Acad. Sci. USA</i> <b>94(8)</b>: 3668-3672.</li><li>3. Wolter, K.G. et al. (1997). <i>J. Cell Biology</i> <b>139(5)</b>: 1281-1292.</li></ol>



**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2003 - 2011: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.

---

28820 Single Oak Drive • Temecula, CA 92590  
Technical Support: T: 1-800-MILLIPORE (1-800-645-5476) • F: 1-800-437-7502  
[www.millipore.com](http://www.millipore.com)