

**MOUSE ANTI-HUMAN CD40  
MONOCLONAL ANTIBODY**

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<b>CATALOG NUMBER:</b>	CBL486Z	<b>QUANTITY:</b>	100 µg
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1 mg/mL
<b>CLONE:</b>	B-B20	<b>HOST/ISOTYPE:</b>	Ms IgG1
<b>SPECIFICITY:</b>	The antibody reacts with CD40, (Bp50 antigen), a 48 kDa glycoprotein found on all mature peripheral B lymphocytes but is absent from terminally differentiated plasma cells. The antigen is present on some epithelial cells, carcinomas and lymphoid dendritic cells.		
<b>IMMUNOGEN:</b>	Raji cells		
<b>APPLICATIONS:</b>	<u>Flow cytometry</u> <u>Immunohistochemistry:</u> Frozen and paraffin-embedded tissue sections. Heat-induced epitope retrieval using EDTA, pH 8.0, may be advantageous. <u>Stimulates B-cell proliferation</u> <i>Optimal working dilutions must be determined by the end user.</i>		
<b>SPECIES REACTIVITY:</b>	Human. Reactivity with other species has not been confirmed.		
<b>PRESENTATION:</b>	Purified immunoglobulin by ion exchange chromatography. Liquid in PBS containing no preservatives and sterile-filtered.		
<b>STORAGE/HANDLING:</b>	Maintain at -20°C for for up to one year from date of receipt. Aliquot to avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	Leukocyte Typing V (1995). Schlossman, S. et al., Eds. Oxford University Press, Oxford : 383-385. O'Grady J. T. et al. (1994). Am. J. Path. 144: 21-26. Lederman S. J. et al. (1992). Immunol. 149: 3817-26. Clark, E. A. & Ledbetter, J. A. (1986). Proc. Natl. Acad. Sci. 83: 4 494.		

**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 µL 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 as a diagnostic.*

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