

MOUSE ANTI-BCRP MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB4146
LOT NUMBER:	
QUANTITY:	100 µg
CONCENTRATION:	0.25 mg/mL
SPECIFICITY:	This antibody reacts with an internal epitope of the Breast Cancer Resistance Protein (BCRP), a 70 kDa transmembrane half-transporter which is involved in multidrug resistance. The antibody does not cross-react with human MDR1, MRP1, MRP2 or MRP5 gene products.
IMMUNOGEN:	Fusion protein consisting of the <i>E. coli</i> maltose-binding protein and a 126-aa portion of BCRP (aa 271-396).
ISOTYPE:	IgG _{2a}
CLONE:	BXP-21
APPLICATIONS:	Western blotting Immunocytochemistry: 1:20 – 1:50 on acetone fixed cytospin preparations Immunohistochemistry: 1:20 on acetone fixed frozen tissue sections; 1:20 on formaldehyde-fixed paraffin-embedded tissues pretreated with 10 mM citrate (pH 6.0) for 20 min. <i>Optimal working dilutions must be determined by end user.</i>
SPECIES REACTIVITY:	Human
FORMAT:	Tissue culture supernatant, serum-free
PRESENTATION:	Liquid containing 0.7% BSA and 0.1% sodium azide.
STORAGE/HANDLING:	Maintain refrigerated at 2-8°C for up to 6 months. For long-term storage store at -20°C.
REFERENCES:	1. Doyle, L.A. et al. (1998). <i>Proc. Natl. Acad. Sci. USA</i> 95 : 15665-15670. 2. Scheffer, G.L. et al. (2000). <i>Cancer Res.</i> 60 : 2589-2593. 3. Maliepaard, M. et al. (2001). <i>Cancer Res.</i> 61 : 3458-3464.

For research use only; not for use in diagnostic procedures.

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.*



28820 Single Oak Drive • Temecula, CA 92590
Phone: 909-676-8080 • 800-437-7500 • Fax: 909-676-9209
custserv@chemicon.com • techserv@chemicon.com • www.chemicon.com

