



## PRODUCT DATA SHEET

**Product:** Anti-Bcrp mAb, clone BXP-9

**Cat. No.:** MC-980 (1 mL)

**Specificity:**

BXP-9 reacts with an internal epitope of Breast Cancer Resistance Protein (Bcrp, Abcg2), a 70 kDa transmembrane half-transporter which is involved in multidrug resistance.

**Species Reactivity:**

Mouse. Does not react with human BCRP. Others not tested.

**Ig Isotype:**

Rat IgG<sub>1</sub>

**Immunogen:**

A fusion protein containing a fragment of the mouse Bcrp protein corresponding to amino acids 221-394 and the *E. coli* maltose-binding protein.

**Format:**

1 mL monoclonal antibody at 250 µg/mL in cell culture supernatant with protein stabilizer and 0.1% sodium azide.

**Storage:**

Store at 4°C for short term. Aliquot and store at -20°C for long term. Avoid repeated freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- Immunocytochemistry: Use at a 1:20-1:50 dilution.
- Immunohistochemistry: Use at a 1:20 dilution on frozen sections.
- Western blot: Use at a 1:50 dilution.
- Flow cytometry: Optimal conditions still to be determined.

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.