

PRODUCT DATA SHEET

Product: Anti-MRP7 mAb, clone M₇-I-3

Cat. No.: MC-1050 (1 mL)

Synonyms:

ABCC10

Specificity:

M₇-I-3 reacts with an internal epitope of MRP7, an approximately 160 kD transmembrane protein that is related to the multidrug resistance protein MRP1.

Ig Isotype:

Rat IgG

Immunogen:

A bacterial fusion protein of human MRP7, containing amino acids 194-272 of the protein.

Format:

1 mL (>200 tests) monoclonal antibody at ~250 µg IgG/mL in serum-free culture supernatant with protein stabilizer and 0.1% sodium azide.

Storage:

Store at 4 °C.

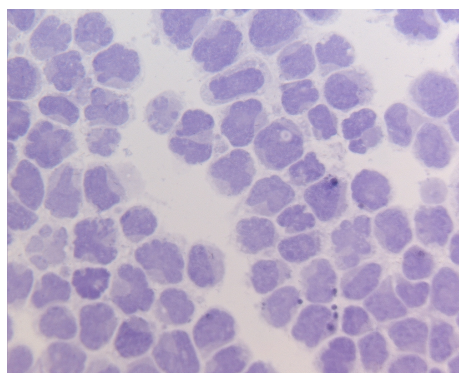
Applications and Suggested Dilutions:

- Immunohistochemistry: For acetone-fixed frozen sections, use at a 1:20 dilution followed by incubation with rabbit anti-rat Ig and a monoclonal rat APAAP complex. Alternatively, after incubation with M₇-I-3 at a 1:20 dilution and washing, slides can be incubated with biotinylated rabbit anti-rat Ig and streptavidin conjugated to horseradish peroxidase.
- Immunocytochemistry: For acetone-fixed cytospin preparations, use at a 1:20-1:50 dilution.
- Western blot: Use at a 1:20-1:50 dilution followed by anti-rat-HRP.
- Flow cytometry: Optimal conditions still to be determined.

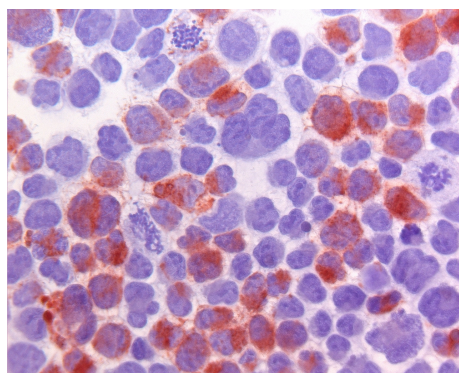
The optimal dilution for a specific application should be determined by the researcher.

MRP7 expression as determined by MRP7 clone M₇-I-3.

HEK cells



HEK cells transfected with MRP7



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.