

ABCC6

Rat Anti-Human ATP-Binding Cassette subfamily C (CFTR/MRP) member 6 (Clone M6II-7) mAb

Catalog No.	MON9047	Quantity:	1 ml
Alternate Names:	Multidrug resistance-associated protein 6, ATP-binding cassette sub-family C member 6, Anthracycline resistance-associated protein, Multi-specific organic anion transporter E, MOAT-E		
Description:	The rat monoclonal antibody M6II-7 reacts with human MRP6, a member of the super-family of ABC transporters, which transport various molecules across extra- and intra-cellular membranes. MRP6 is involved in multidrug resistance.		
UniProt ID:	O95255		
Gene ID:	368		
Concentration:	~250 µg/ml		
Specificity:	Human MRP6, a 190-200 kD transmembrane protein.		
Hybridoma:	The antibody was produced from a hybridoma of rat (Wistar) lymph node cells and SP2/O mouse myeloma cells, cultured without serum or added enzymes, in a clinical laboratory in which no animal viruses are being studied or cultured.		
Isotype:	Rat IgG2a		
Immunogen:	Bacterial fusion protein of human MRP6, containing amino acids 764-964 (putative 12th transmembrane region, predicted internal and external regions).		
Clone:	M6II-7		
Formulation:	Sterile-filtered, serum-free culture supernatant containing 1% BSA and 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Cross-Reactivity:	Did not cross-react with human MDR1, MRP1, MRP2, MRP3, MRP4, or MRP5.		
Applications:	Immunocytochemistry, Immunohistochemistry (frozen), Flow Cytometry, Western Blot		
Application Notes:	M6II-7 can be used to detect human MRP6 in cells and tissues. 1 ml > 200 tests. ICC: recommended 1:20 - 1:50 dilution on acetone-fixed cytospin preparations. IHC: recommended 1:20 - 1:50 on acetone-fixed frozen sections, followed by incubation with rabbit anti-rat IgG (1:25, Dako) and an APAAP complex (1:50, Dako). Un-reactive on standard formaldehyde-fixed paraffin-embedded material. WB: recommended 1:20 - 1:50 dilution followed by anti-rat-HRP. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 2 months. For long-term storage, it is recommended to freeze aliquots undiluted at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com