

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:	ABC34, ARA, EST349056, MLP1, MOATE, MRP6, PXE, PXE1, ATP-binding cassette, sub-family C, member 6, anthracycline resistance-associated		
Description:	M6II-7 reacts with MRP6, a 190-200 kD transmembrane protein that is related to the multidrug resistance related protein MRP. Mutations in the MRP6 gene are responsible for the connective tissue disorder Pseudoxanthoma elasticum (PXE). M6II-7 was raised against a bacterial fusion protein of human MRP6, containing amino acids 764-964, spanning the putative 12th transmembrane region as well as predicted internal and external regions of the protein. M6II-7 did not cross-react with the human <i>MDR1</i> , <i>MRP1</i> , <i>MRP2</i> , <i>MRP3</i> , <i>MRP4</i> , <i>MRP5</i> gene products.		
Concentration:	Approximately 250 µg immunoglobulin/ml.		
Gene ID:	368		
Host:	Rat		
Isotype:	IgG2a		
Clone:	M611-7		
Formulation:	1 ml vials (>>200 tests) containing antibody in serumfree culture supernatant, with 1% BSA and 0.1% Sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	M6II-7 can be used to detect human MRP6 in cells and tissues. Immunocytochemistry: use 1:20-50 dilution on acetone fixed cytospin preparations. For immunohistochemistry: M6II-7 (use 1:20-50) on acetone fixed frozen sections can be followed by incubation with rabbit anti-rat IgG (1:25, Dako) and an APAAP complex (1:50, Dako). M6II-7 is unreactive on standard formaldehyde-fixed paraffin-embedded material. Flow cytometry: optimal conditions still to be defined. Western blotting: use 1:20-50 dilution and anti-rat-HRP.		
Safety Information:	<p>MAb producing cells: The hybridoma cell line was obtained by fusion of lymph node cells from an immunized rat (Wistar) with SP2/O mouse myeloma cells.</p> <p>Culture medium: RPMI-1640 (Gibco, Paisley, Scotland UK), supplemented with Nutridoma-SR (Boehringer, Indianapolis, USA). The medium does not contain serum nor added enzymes. The antibody solution has been filtered through a 0.22 micron filter.</p> <p>NOTE: this monoclonal antibody has been produced in a clinical laboratory in which no animal viruses are being studied or cultured.</p>		

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



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

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