

Mouse anti-MRP2 (ABCC2), clone M2III-5 (Monoclonal)

Clone no. M2III-5

MONOSAN

Product name	Mouse anti-MRP2 (ABCC2), clone M2III-5 (Monoclonal)
Host	Mouse
Applications	ICC, IHC-fr, IHC-P (1:20), WB
Species reactivity	rat, mouse, human
Conjugate	-
Immunogen	202-amino acid COOH terminal of rat Mrp2
Isotype	IgG2b
Clonality	Monoclonal
Clone number	M2III-5
Size	1 ml
Concentration	250 ug/ ml
Format	liquid
Storage buffer	cell culture supernatant with 0.7% BSA and 0.1% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The antibody reacts with an internal epitope of MRP2, a 190-200 kD transmembrane protein earlier known as the canalicular multi-organic anion transporter cMOAT, absent in patients with the Dubin-Johnson syndrome, an autosomal recessive liver disorder characterized by chronic conjugated hyperbilirubinemia. MRP2 is a member of the MRP family of multidrug resistance related proteins, and MRP2 overexpression has been observed in a subset of cisplatin resistant cell lines. M2III-5 was raised against a fusion protein of the bacterial maltose binding protein and rat Mrp2, containing the 202-amino acid COOH terminal end of the transporter protein. The Mab detects rat, mouse and human MRP2. M2III-5 does not cross-react with the human MDR1 P-gp, MRP1, MRP3 or MRP5 gene products.

References

1. Paulusma et al. Science 1996; 271: 1126-1128
2. Kool et al. Cancer Res 1997; 57: 3537-3547
3. Scheffer et al. Cancer Res 2000; 60: 5269-5277
4. -
5. -

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