Mouse anti-MDR, cMOAT/MRP2, clone M2I-4 (Monoclonal)

Clone no. M2I-4

MONOSAN

Product name	Mouse anti-MDR, cMOAT/MRP2, clone M2I-4 (Monoclonal)
Host	Mouse
Applications	ICC, IHC-fr (1:20), FC, WB (1:20)
Species reactivity	human
Conjugate	-
Immunogen	cMOAB/MRP2 amino acids 215-310
Isotype	IgG1
Clonality	Monoclonal
Clone number	M2I-4
Size	1 ml
Concentration	250 ug/ ml
Format	-
Storage buffer	Serum free tissue 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

Product datasheet MON9026

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Additional info

M2I-4 reacts with an internal epitope of cMOAT/MRP2, a 170-180 kD transmembrane protein known as the canalicular multi-organic anion transporter, absent in patients with the Dubin-Johnson syndrome, an autosomal recessive liver disorder characterized by chronic conjugated hyperbilirubinemia. cMOAT/MRP2 is closely related to the multidrug resistance related protein MRP, and cMOAT/MRP2 overexpression has been observed in a subset of cisplatin resistant cell lines. M2I-4 was raised against a bacterial fusion protein of cMOAB/MRP2, containing amino acids 215-310 of the protein. M2I-4 did not cross react with the human MDR1, MRP1, MRP3 and MRP5 gene products.

References

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

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