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30-1552: Anti-CD243 / MDR-1 Monoclonal Antibody (Clone:UIC2)

Clonality :	Monoclonal
Clone Name :	UIC2
Application :	FACS, IP, IHC, IHC-Fr, Functional Assay
Reactivity :	Human
Gene :	ABCB1
Gene ID :	5243
Uniprot ID :	P08183
Format :	Purified
Alternative Name :	ABCB1,MDR1,PGY1
Isotype :	Mouse IgG2a
Immunogen Information :	NIH 3T3 cells transfected with human CD243 (MDR-1) cDNA

Description

CD243, also known as multidrug resistant protein 1 (MDR-1) or P-glycoprotein (Pgp) is an ATP binding cassette (ABC)-containing efflux transporter for xenobiotic lipophilic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier. It is expressed in many tissues, including the brain, liver, pancreas, testes, kidney, and blood (B, T, NK cells, but not monocytes).

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Immunoprecipitation Immunohistochemistry *Application note:* heat mediated antigen retrieval in citrate buffer pH 6
Immunohistochemistry (frozen sections) Functional Application inhibition

For Research Use Only. Not for use in diagnostic/therapeutics procedures.