

MDR1 (AB1393) mouse mAb

W0420

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 141 kDa (calculated)
- 120 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1393
Immunogen	A synthetic peptide corresponding to the amino acid region 600 - 700 of the human MDR1 protein.
Specificity	The antibody can specifically recognize human MDR1 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	ABCB1		
Protein Name	MDR1		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P08183	5243

Background	MDR-1, also known as P-170, is a membrane glycoprotein encoded by MDR gene. Its main function is to quickly pump cytotoxic drugs out of cells by ATP. Its expression level is related to the permeability of cell membrane, intracellular drug concentration and the degree of drug resistance. It is mainly used in the study of tumor drug resistance.
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