



Mouse Anti-Human MDR-1 Monoclonal Antibody, clone VJD3 [Functional Grade] (CABT-Z470M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	3T3 fibroblasts transfected with human CD243 cDNA.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human, Monkey
Clone	VJD3
Purification	Protein A purified
Conjugate	Functional Grade
Applications	IHC-P, BL, Depletion
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. Endotoxin Level<0.002 EU/μg by the LAL method.
Preservative	None
Storage	Store at the stock concentration at 4°C. Do not freeze.

BACKGROUND

Introduction

MDR-1 is a 170-180 kDa transmembrane glycoprotein that is expressed by epithelial and endothelial cells, and at low levels by T cells, B cells, NK cells, and hematopoietic stem cells. It is thought to be expressed at high levels by multidrug resistant (MDR) tumor cells. MDR-1 is as an ATP-dependent efflux pump for a large variety of molecules and drugs. This efflux activity has been suggested to lead to resistance to chemotherapy drugs.

Keywords

ABCB1;ATP-binding cassette, sub-family B (MDR/TAP), member 1;CLCS, colchicin sensitivity, MDR1, PGY1;multidrug resistance protein 1;ABC20;CD243

GENE INFORMATION

Gene Name

ABCB1

Entrez Gene ID

[5243](#)

UniProt ID

[A4D1D2](#)
