

MDR1 (AB1393) mouse mAb

V0392

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

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

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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

Human

Swiss Prot.

P08183

Gene ID

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.