

**Mouse Anti-Multi-Drug Resistance (MDR1)/ABCB1/P-Glycoprotein [D-11]: MC0195**

**Intended Use:** For Research Use Only

**Description:** Multi-Drug Resistance Marker (P-Glycoprotein) is a 170 kD cell membrane protein of the multi-drug resistance gene, MDR-1. Studies have linked the presence of P-Glycoprotein with resistance to a wide variety of chemotherapeutic agents. P-Glycoprotein is also found in various concentrations in most normal tissues, suggesting that the primary role for this protein is in normal secretion of physiological metabolites.

**Specifications**

Clone: D-11  
Source: Mouse  
Isotype: IgG2b  
Reactivity: Human  
Localization: Membrane, cytoplasm  
Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN<sub>3</sub>)  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC, Flow Cyt., ICC, IF, WB  
Package:

Description	Catalog No.	Size
Multi-Drug Resistance (MDR1)/ABCB1/P-Glycoprotein Concentrated	MC0195	1 ml

**IHC Procedure\***

Positive Control Tissue: Adrenal gland  
Concentrated Dilution: 50-250  
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.