**Mdr-1 (D-11): sc-55510**

**BACKGROUND**

Cells selected for use as control antibody for Mdr-1 siRNA (h): sc-29395, Mdr-1 shRNA Plasmid (m): sc-35891, Mdr-1 shRNA Plasmid (h): sc-29395-SH, Mdr-1 range 1:50–1,000, immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50–1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30–1:3000); may cross-react with Mdr-3.

Mdr-1 (D-11) is available conjugated to agarose (sc-55510 A, 500 µg/mL sodium azide and 0.1% gelatin), Alexa Fluor® 680 (sc-55510 AF680) or Alexa Fluor® 790 (sc-55510 AF790), 200 µg/mL, for WB, IHC and FCM; and to either Alexa Fluor® 488 (sc-55510 AF488), Alexa Fluor® 546 (sc-55510 AF546), Alexa Fluor® 594 (sc-55510 AF594) or Alexa Fluor® 647 (sc-55510 AF647), 200 µg/mL, for WB (RGB), IF, IHC and FCM; and to either Alexa Fluor® 680 (sc-55510 AF680) or Alexa Fluor® 790 (sc-55510 AF790), 200 µg/mL, for Near-Infrared (NIR) WB, IF and FCM.

**SOURCE**

Mdr-1 (D-11) is available conjugated to agarose (sc-55510 AC), 500 µg/mL, for WB, IHC and ELISA; to either phycoerythrin (sc-55510 PE), fluorescein (sc-55510 FITC), Alexa Fluor® 488, Alexa Fluor® 594 or Alexa Fluor® 647 (sc-55510 AF647), 200 µg/mL, for WB (RGB), IF, IHC and FCM; and to either Alexa Fluor® 680 (sc-55510 AF680) or Alexa Fluor® 790 (sc-55510 AF790), 200 µg/mL, for Near-Infrared (NIR) WB, IF and FCM.

**PRODUCT**

Each vial contains 200 µg IgG2b, kappa light chain in 1.0 mL of PBS with < 0.1% sodium azide and 0.1% gelatin.

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**APPLICATIONS**

Mdr-1 (D-11) is recommended for detection of Mdr-1 of mouse, rat and human origin by Western Blotting (starting dilution 1:100, dilution range 1:100–1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30–1:3000); may cross-react with Mdr-3.

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Suitable for use as control antibody for Mdr-1 siRNA (h): sc-29395, Mdr-1 siRNA (m): sc-35891, Mdr-1 shRNA Plasmid (m): sc-29395-SH, Mdr-1 shRNA Plasmid (m): sc-35891-SH, Mdr-1 shRNA (h) Lentiviral Particles: sc-29395-V and Mdr-1 shRNA (m) Lentiviral Particles: sc-35891-V.

Molecular Weight of Mdr-1: 170 kDa.

Positive Controls: MES-SA/Dx5 cell lysate: sc-2284, c4 whole cell lysate: sc-364186 or KNRK whole cell lysate: sc-2214.

**STORAGE**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**DATA**

**SELECT PRODUCT CITATIONS**


**RESEARCH USE**

For research use only, not for use in diagnostic procedures.