

Anti-P-glycoprotein [MRK16] Standard Size Ab00143-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: MRK16

Alternative Name(s) of Target: ABCB1; Multidrug resistance protein 1; ATP-binding cassette sub-family B member 1; CD243; MDR1; PGP; PGY1

UniProt Accession Number of Target Protein: P08183

Published Application(s): IP, FC, IF

Published Species Reactivity: Human

Immunogen: Drug resistant K-562 cells.

Specificity: Recognizes a discontinuous extracellular epitope on P-glycoprotein.

Application Notes:

Antibody First Published in: Hamada H, Tsuruo T. Functional role for the 170- to 180-kDa glycoprotein specific to drug-resistant tumor cells as revealed by monoclonal antibodies. Proc Natl Acad Sci U S A. 1986 Oct;83(20):7785-9. [PMID: 2429319](#)

Note on publication: Describes the generation of the antibody and its ability to modulate drug cytotoxicity in vitro.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.