

P-glycoprotein Recombinant Antibody | ABCB1 recombinant antibody

Anti-P-glycoprotein [MRK16]

CATALOG # AAA71936	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Flow Cytometry, Functional Assay
------------------------------	----------------------------	--

PRODUCT SYNONYMS

P-glycoprotein; Anti-P-glycoprotein [MRK16]; ABCB1; Multidrug resistance protein 1; ATP-binding cassette sub-family B member 1; CD243; MDR1; PGP; PGY1; ABCB1 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Isotype	Mouse IgG1, kappa
Clone Number	MRK16
Specificity	Recognizes a discontinuous extracellular epitope on P-glycoprotein.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Sequence Length	1280
Applicable Applications for ABCB1 recombinant antibody	IP (Immunoprecipitation), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Drug resistant K-562 cells.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for ABCB1 recombinant antibody	Note on Publication: Describes the generation of the antibody and its ability to modulate drug cytotoxicity in vitro.
Product Categories/Family for ABCB1 recombinant antibody	Cancer ; Pharmacology
References	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	238054374
NCBI GeneID	5243
UniProt Accession #	P08183 ; Q12755 ; Q14812 ; A8K294 ; B5AK60
NCBI Official Full Name	Multidrug resistance protein 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 1
NCBI Official Symbol	ABCB1

NCBI Official Synonym Symbols	CLCS; MDR1; P-GP; PGY1; ABC20; CD243; GP170
NCBI Protein Information	multidrug resistance protein 1
UniProt Protein Name	Multidrug resistance protein 1
UniProt Gene Name	ABCB1
UniProt Synonym Gene Names	MDR1; PGY1
UniProt Entry Name	MDR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/p-glycoprotein/71936>