

Product Datasheet

Anti-P-glycoprotein [MRK16] (orb348849)

Catalog Number	orb348849
Category	Antibodies
Description	Mouse monoclonal antibody to P-glycoprotein
Target	P-glycoprotein
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	Drug resistant K-562 cells.
UniProt ID	P08183
Tested applications	FC, IF, IP
Specificity	Recognizes a discontinuous extracellular epitope on P-glycoprotein.
Clone Number	MRK16

Biorbyt Ltd.

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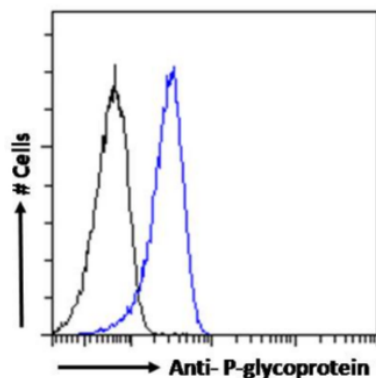
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow-cytometry using the anti-P-glycoprotein antibody MRK16 HepG2 cells were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG-chimeric version of MRK16 (orb348896, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

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