

## Product Datasheet

### Anti-P-glycoprotein [MRK16] (orb348896)

<b>Catalog Number</b>	orb348896
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to P-glycoprotein
<b>Target</b>	P-glycoprotein
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Purity</b>	Purified
<b>Immunogen</b>	Drug resistant K-562 cells.
<b>UniProt ID</b>	<b>P08183</b>
<b>Tested applications</b>	FC, IF, IP
<b>Specificity</b>	Recognizes a discontinuous extracellular epitope on P-glycoprotein.
<b>Clone Number</b>	MRK16

**Biorbyt Ltd.**

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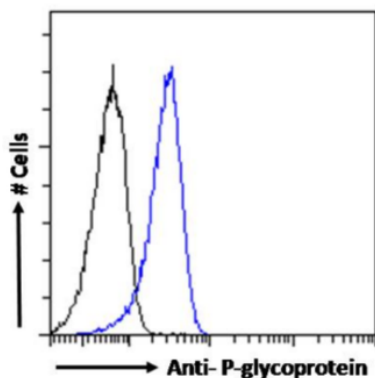
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



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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