

P Glycoprotein antibody [C219]

Cat. No. GTX23364

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA, IHC
Reactivity	Human, Mouse, Rat, Zebrafish, Bovine, Dog, Carp

References (41)

Package

250 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:50-1:500
ICC/IF	Assay dependent
IHC-P	≥ 1:25
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Note : Recommend using 1% milk in TBST as blocking buffer.**Cell permeabilization required.**

Not tested in other applications.

Calculated MW	141 kDa. (Note)
Observed MW (kDa)	~140kDa, ~170kDa kDa.

Product Note

Recognizes an internal, highly conserved amino acid sequence (VQEALD and VQAALD) found in both protein isoforms, P-glycoprotein and MDR3 P-glycoprotein. Specific reactivity to human, mouse, rat, dog and primate. Detects bands of ~170kDa (MDR1 P-glycoprotein) and of ~140kDa (MDR3 P-glycoprotein) by Western blot.

Properties

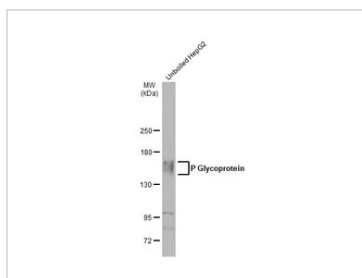
Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.1% Sodium azide



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Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	SDS-solubilized plasma membranes of a multidrug resistant Chinese hamster ovary (CHO) cell line and a human cell line.
Purification	Purified
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>

DATA IMAGES



GTX23364 WB Image

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with P Glycoprotein antibody [C219] (GTX23364) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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