

14685

MRP1/ABCC1 (D7O8N) Rabbit mAb



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Applications: W, IP, IF-IC	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 170-220	Source/Isotype: Rabbit IgG	UniProt ID: #P33527	Entrez-Gene Id: 4363
Product Usage Information		Application Western Blotting Immunoprecipitation Immunofluorescence	(Immunocytochem	istry)		Dilution 1:1000 1:100 1:200
Storage				s), 150 mM NaCl, 100 μg/ ot aliquot the antibody.	ml BSA, 50% glyce	rol and less than
Specificity/Sensitivity		MRP1/ABCC1 (D7O8N) Rabbit mAb recognizes endogenous levels of total MRP1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val273 of human ABCC1 protein.				
Background		binding cassette (ABC) It has a broad range of (GSH) conjugates of the folates, GSH and GSH Although MRP1/ABCC found in a variety of so (1,4,5). Research studing therapeutic agents from also show that elevate) transporters (1). More substrates, includences compounds. More disulfide (GSSG) controlled to the controlled to the controlled to the controlled expression of Manager of the controlled expression expression of the controlled expression expression of the controlled expression ex	I (MRP1/ABCC1) is a mer MRP1/ABCC1 protein funding antineoplastic or the IRP1/ABCC1 also transponjugates of steroids, leuressed in normal tissue, ung small cell lung cance expression of MRP1/ABCC confers drug resistance RP1/ABCC1 is a negative MRP1/ABCC1 is predictions (6-10).	ctions as an organi erapeutic agents ar orts physiological s kotrienes, and pros pregulation of MRI r, breast cancer, an c1 facilitates the eli in those patients. prognostic marker	c anion transporter. Ind the glutathione Staglandins (2,3). P1/ABCC1 has been d prostate cancer mination of Research studies for breast cancer
Background References		1. Cole, S.P. et al. (1992) <i>Science</i> 258, 1650-4. 2. Pajic, M. et al. (2005) <i>Cancer Lett</i> 228, 241-6. 3. Deeley, R.G. and Cole, S.P. (2006) <i>FEBS Lett</i> 580, 1103-11. 4. Atalay, C. et al. (2006) <i>Tumour Biol</i> 27, 309-18. 5. Sánchez, C. et al. (2011) <i>Prostate</i> 71, 1810-7. 6. Nooter, K. et al. (1997) <i>Br J Cancer</i> 76, 486-93. 7. Hsia, T.C. et al. (2002) <i>Lung</i> 180, 173-9. 8. Kuo, T.H. et al. (2003) <i>Nucl Med Biol</i> 30, 627-32. 9. Sánchez, C. et al. (2009) <i>Prostate</i> 69, 1448-59. 10. Vulsteke, C. et al. (2013) <i>Ann Oncol</i> 24, 1513-25.				

Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., western blot).

 $IMPORTANT: For western \ blots, incubate \ membrane \ with \ diluted \ primary \ antibody \ in \ 5\% \ w/v \ nonfat$

dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)

Cross-Reactivity Key H: Human

Western Blot Buffer

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