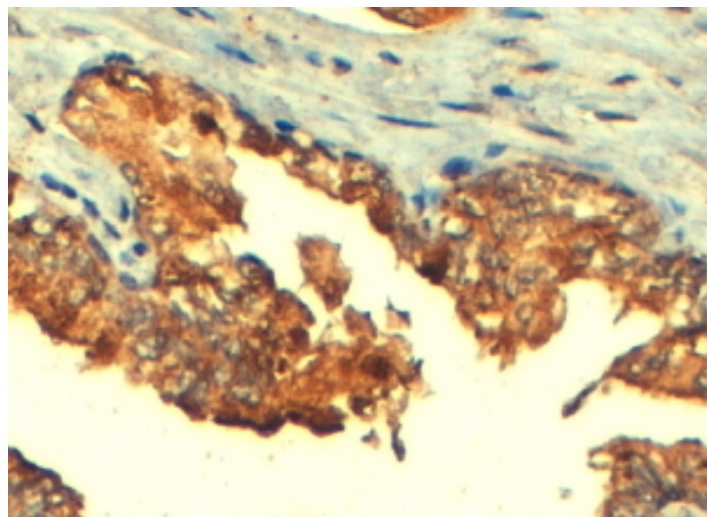


# GOAT ANTI-ABCC4 / MRP4 ANTIBODY

**SKU:** EB06538



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** multidrug resistance-associated protein 4; multispecific organic anion transporter B|canalicular multispecific organic anion transporter (ABC superfamily)|bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4)|ATP-binding cassette, sub-family C, member 4|RP11-74A12.1|Multidrug Resistance Protein 4|canalicular multispecific organic anion transporter (ABC superfamily)|ATP-binding cassette, sub-family C (CFTR/MRP), member 4|EST170205|MOAT-B|MOATB|MRP4|ABCC4

**Accession ID** NP\_005836.2

**Blocking Peptide** EBP06538

**Immunogen** Peptide with sequence CNGQPSTLTIFETAL, from the C Terminus of the protein sequence according to NP\_005836.2.

**Product Comments** This antibody is expected to recognize isoform 1 (NP\_005836.2) only.

**Peptide Sequence** CNGQPSTLTIFETAL

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	10257
<b>Rat Gene ID</b>	170924
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	In paraffin embedded Human Prostate shows membranous staining in the secretory cells. Recommended concentration, 4-6µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Application Type</b>	Pep-ELISA, IHC

## SELECTED REFERENCES

[{"pmid": 20395535, "intro": "**This antibody (previous batch) has been successfully used in ICC/IF on Human:**", "title": "Aryl hydrocarbon receptor and NF-E2-related factor 2 are key regulators of human MRP4 expression.", "author": "Xu S, Weerachayaphorn J, Cai SY, Soroka CJ, Boyer JL.", "journal": "Am J Physiol Gastrointest Liver Physiol. 2010 Jul;299(1):G126-35."}, {"pmid": 23503867, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human:**", "title": "Multidrug resistance protein 4 (MRP4) expression in prostate cancer is associated with androgen signaling and decreases with tumor progression.", "author": "Montani M, Herrmanns T, Müntener M, Wild P, Sulser T, Kristiansen G", "journal": "Virchows Arch. 2013 Apr;462(4):437-43."}, {"pmid": 23978715, "intro": "**This antibody (previous batch) has been successfully used in WB on Human:**", "title": "Deleterious effect of oltipraz on extrahepatic cholestasis in bile duct-ligated mice.", "author": "Weerachayaphorn J, Luo Y, Mennone A, Soroka CJ, Harry K, Boyer JL", "journal": "J Hepatol. 2014 Jan;60(1):160-6"}, {"pmid": 23472950, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human:**", "title": "Augmented epithelial multidrug resistance-associated protein 4 expression in peritoneal endometriosis: regulation by lipoxin A4.", "author": "Gori I, Rodriguez Y, Pellegrini C, Achtari C, Hornung D, Chardonnens E, Wunder D, Fiche M, Canny GO.", "journal": "Fertil Steril. 2013 Mar 6."}, {"pmid": 22345550, "intro": "**This antibody (previous batch) has been successfully used in WB on Mouse:**", "title": "Nuclear factor-E2-related factor 2 is a major determinant of bile acid homeostasis in the liver and intestine.", "author": "Weerachayaphorn J, Mennone A, Soroka CJ, Harry K, Hagey LR, Kensler TW, Boyer JL.", "journal": "Am J Physiol Gastrointest Liver Physiol. 2012 May 1;302(9):G925-36."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

