

# MRP4 / ABCC4 Rabbit Polyclonal Antibody



CAB2198

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

170kDa

### Calculated MW:

88kDa/96kDa/144kDa/149kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This family member plays a role in cellular detoxification as a pump for its substrate, organic anions. It may also function in prostaglandin-mediated cAMP signaling in ciliogenesis. Alternative splicing of this gene results in multiple transcript variants.

## Immunogen information

### Gene ID:

10257

### Uniprot

O15439

### Synonyms:

ABCC4; MOAT-B; MOATB; MRP4

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

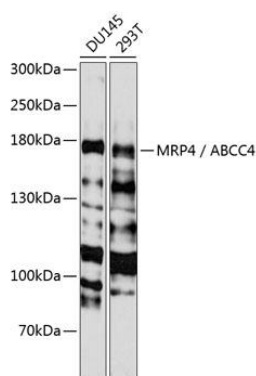
Recombinant fusion protein containing a sequence corresponding to amino acids 495-705 of human MRP4 / ABCC4 (NP\_001098985.1).

### Storage:

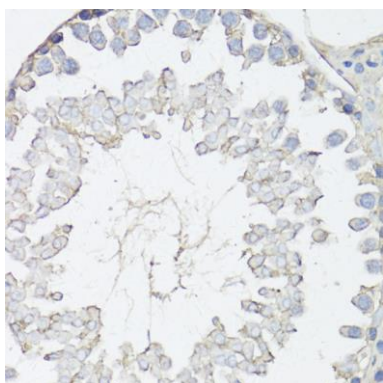
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

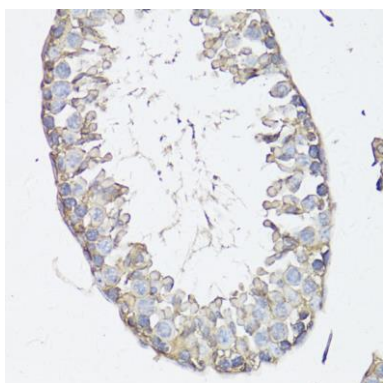
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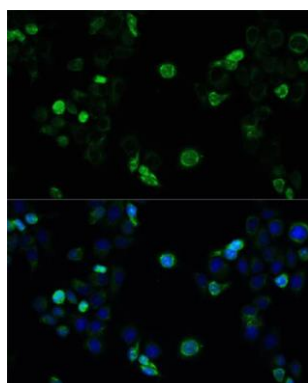
Western blot analysis of extracts of various cell lines, using MRP4 / ABCC4 antibody (CAB2198) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat testis using MRP4/ABCC4 antibody (CAB2198) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using MRP4/ABCC4 antibody (CAB2198) at dilution of 1:150 (40x lens).



Immunofluorescence analysis of HeLa cells using MRP4 / ABCC4 antibody (CAB2198) at dilution of 1:100. Blue: DAPI for nuclear staining.