

# Product Data Sheet

## Anti-MRP1 Antibody

| Catalog #                | Source   | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CQA1790                  | Rabbit   | H, M, R    | WB, IH       |
| <b>Description</b>       | Rabbit polyclonal antibody to MRP1   |            |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide of human MRP1   |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.  |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of MRP1 protein.  |            |              |
| <b>Clonality</b>         | Polyclonal   |            |              |
| <b>Conjugation</b>       |  |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.  |            |              |
| <b>Dilution</b>          | WB (1/500 - 1/1000), IH (1/50 - 1/200)   |            |              |
| <b>Gene Symbol</b>       | ABCC1  |            |              |
| <b>Alternative Names</b> | MRP; MRP1; Multidrug resistance-associated protein 1; ATP-binding cassette sub-family C member 1; Leukotriene C(4) transporter; LTC4 transporter |            |              |
| <b>Entrez Gene</b>       | 4363 (Human); 17250 (Mouse); 24565 (Rat)   |            |              |
| <b>SwissProt</b>         | P33527 (Human); O35379 (Mouse); Q8CG09 (Rat)   |            |              |
| <b>Storage/Stability</b> | Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.   |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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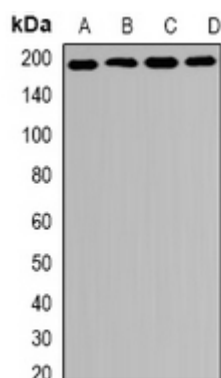
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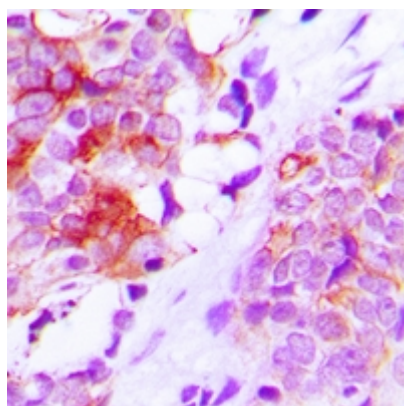
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Western blot analysis of MRP1 expression in HT29 (A), SKOV3 (B), mouse spleen (C), mouse lung (D) whole cell lysates. (Predicted band size: 151-172 kD; Observed band size: 210 kD)



Immunohistochemical analysis of MRP1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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