

MRP3 (L1010) polyclonal antibody

Catalog: BS3177

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

MRP1 is an integral membrane protein that contains an MDR-like core, an N-terminal membrane-bound region and a cytoplasmic linker, and it is expressed in various cerebral cells, as well as in lung, testis and peripheral blood. The MRP gene family also includes MRP2, which is alternatively designated cMOAT (for canalicular multispecific organic anion transporter) and MRP3, which are both conjugate export pumps expressed predominantly in hepatocytes. MRP2 localizes exclusively to the apical membrane and is constitutively expressed at a high level in normal liver cells. Conversely, MRP3 localizes to the basolateral membrane where it also mediates the transport of the organic anion S-(2,4-dinitrophenyl-) glutathione toward the basolateral side of the membrane. MRP3 is normally expressed at comparatively lower levels than MRP2 and increases only when secretion across the apical membrane by MRP2 is impaired.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 260 kDa

Swiss-Prot:

O15438

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

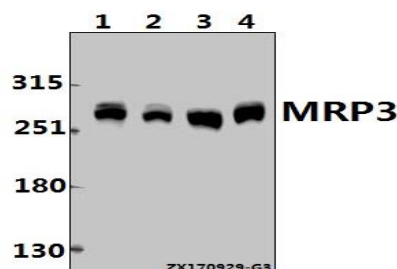
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

MRP3 (L1010) polyclonal antibody detects endogenous levels of MRP3 protein.

DATA:



Western blot (WB) analysis of MRP3 (L1010) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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