MRP14 (G3E10) monoclonal antibody

Catalog: AP0477M Host: Mouse Reactivity: Human,Mouse,Rat

BackGround:

The family of EF-hand type Ca2+-binding proteins includes Calbindin (previously designated vitamin D-dependent Ca2+-binding protein), S-100 α and β, Cal-granulins A (also designated MRP8), B (also designated MRP14) and C (S-100 like proteins) and the parvalbumin family members, including parvalbumin α and parvalbumin β (also designated oncomodulin). Calbindin, S-100 proteins and parvalbumin proteins are each expressed in neural tissues. In addition, S-100 α and β are present in a variety of other tissues and Calbindin is present in intestine and kidney. Parvalbumin α is also found in fast-contracting/ relaxing skeletal muscle fibers and parvalbumin β is found in many tumor tissues as well as in the organ of Corti.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

Predicted band size : 13 kDa

Observed band size : 18 kDa

Swiss-Prot:

P06702

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

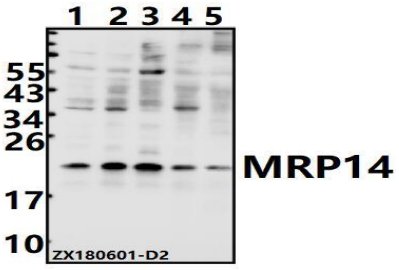
Storage&Stability:

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

Specificity:

MRP14 (G3E10) mAb detects endogenous levels of MRP14 protein or MRP8+MRP14 complex.

DATA:



Western blot (WB) analysis of MRP14 (G3E10) pAb at 1:500 dilution

Lane1:A375 whole cell lysate(40ug)

Lane2:EC9706 whole cell lysate(40ug)

Lane3:Myla2059 whole cell lysate(40ug)

Lane4:AML-12 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

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

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