

GUCY1A3 monoclonal antibody

Catalog: MB23508

Host: Mouse

Reactivity: Human

BackGround:

Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

77.5kDa

Swiss-Prot:

Q02108

Purification&Purity:

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

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

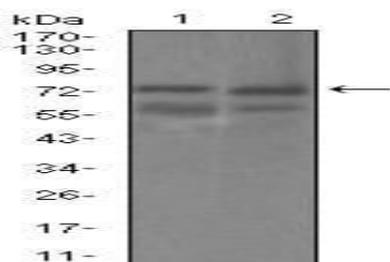
Storage&Stability:

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

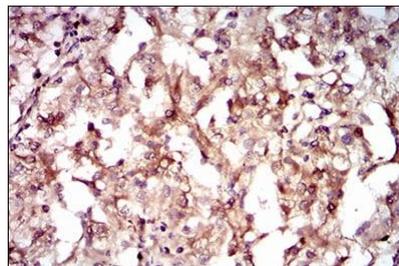
Isotype:

Mouse IgG1

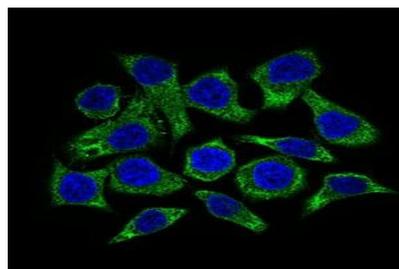
DATA:



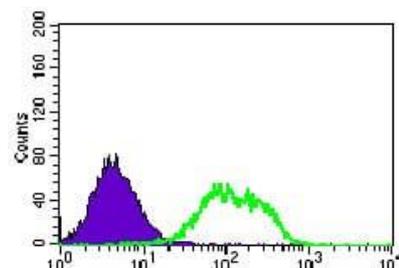
Western blot analysis using GUCY1A3 mouse mAb against HEK293 (1) and Raji (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human renal cancer tissues using GUCY1A3 mouse mAb with DAB staining.



Immunofluorescence analysis of HepG2 cells using GUCY1A3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HEK293 cells using GUCY1A3 mouse mAb (green) and negative control (purple).

Note:

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

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