

HPRT1 monoclonal antibody

Catalog: MB21855

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutations in this gene result in Lesch-Nyhan syndrome or gout.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

24.6kDa

Swiss-Prot:

P00492

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 FC:1/200 - 1/400

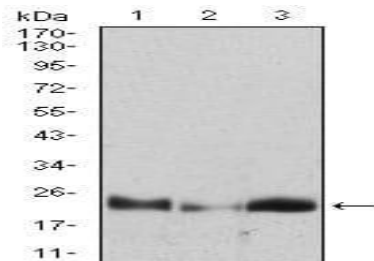
Storage&Stability:

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

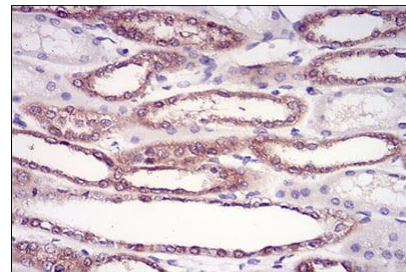
Isotype:

Mouse IgG1

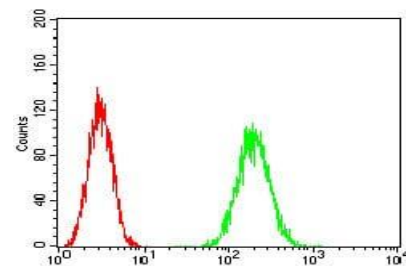
DATA:



Western blot analysis using HPRT1 mouse mAb against HeLa (1), A431 (2), A549 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using HPRT1 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using HPRT1 mouse mAb (green) and negative control (red).

Note:

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

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