

Product Name: HPRT1 Mouse Monoclonal Antibody
Catalog #: AMM81372



Summary

Production Name	HPRT1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	HPRT1
Alternative Names	HPRT; HGPRT
Gene ID	3251.0
SwissProt ID	P00492.Purified recombinant fragment of human HPRT1 (AA: FULL(1-218)) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	24.6kDa

Background

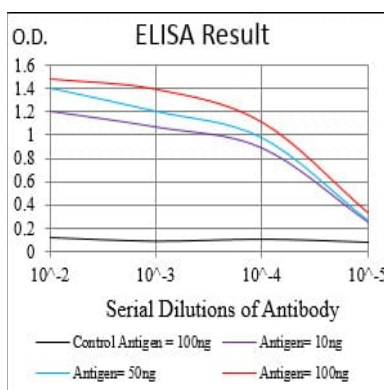
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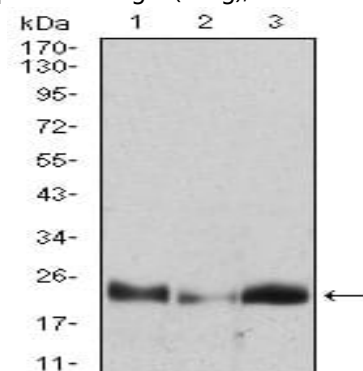
The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine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

Research Area

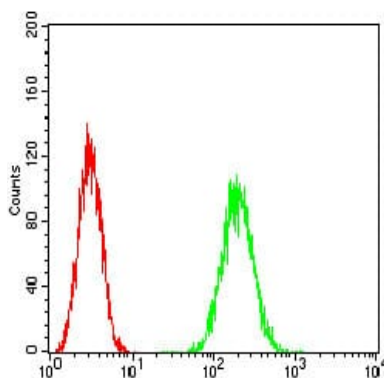
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



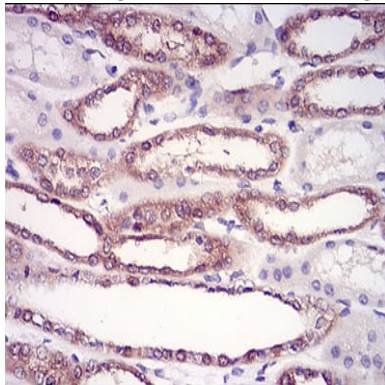
Western blot analysis using HPRT1 mouse mAb against HeLa (1), A431 (2), A549 (3) cell lysate.



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



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

Note

For research use only.