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HPRT1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HPRT1.
Catalog # AT2434a

Specification

HPRT1 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	P00492
Other Accession	BC000578
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG**
Calculated MW	**24579**

HPRT1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 3251

Other Names
Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, HPRT1, HPRT

Target/Specificity
HPRT1 (AAH00578, 1 a.a. ~ 218 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
HPRT1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

HPRT1 Antibody (monoclonal) (M01) - Protocols

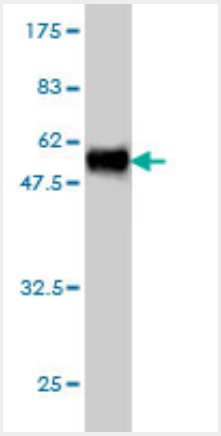
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

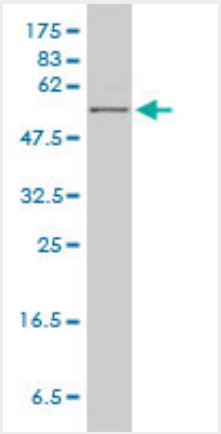
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HPRT1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (49.72 KDa) .



HPRT1 monoclonal antibody (M01), clone 4C3-G8 Western Blot analysis of HPRT1 expression in MCF-7 ((Cat # AT2434a)

HPRT1 Antibody (monoclonal) (M01) - 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.

HPRT1 Antibody (monoclonal) (M01) - References

1.Sorting Nexin 27 Interacts with Multidrug Resistance-associated Protein 4 (MRP4) and Mediates Internalization of MRP4.Hayashi H, Naoi S, Nakagawa T, Nishikawa T, Fukuda H, Imajoh-Ohmi S, Kondo A, Kubo K, Yabuki T, Hattori A, Hirouchi M, Sugiyama Y.J Biol Chem. 2012 Apr 27;287(18):15054-65. Epub 2012 Mar 12.