

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.

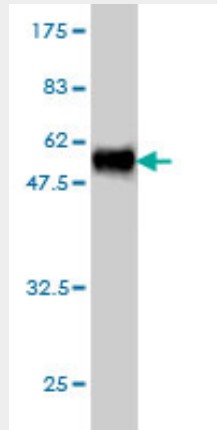
HPRT1 Antibody (monoclonal) (M01) - Protocols

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

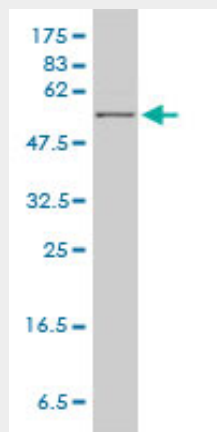
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.