

**HPRT1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant HPRT1.

Catalog # AT2434a

**Specification**

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**HPRT1 Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB                       |
| Primary Accession | <a href="#">P00492</a>   |
| Other Accession   | <a href="#">BC000578</a> |
| 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.

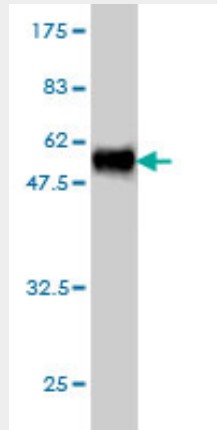
**HPRT1 Antibody (monoclonal) (M01) - Protocols**

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

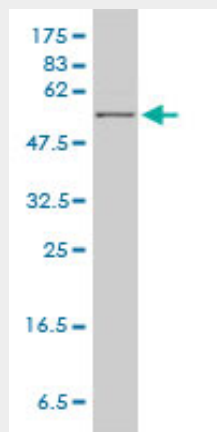
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [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.