10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HPRT1 Antibody (monoclonal) (M01)

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

Product Information

Application	WB
Primary Accession	P00492
Other Accession	BC000578
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG
Clone Names	4C3-G8
Calculated MW	24579

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.

Background

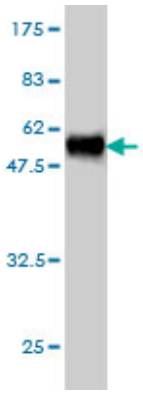
The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine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

References

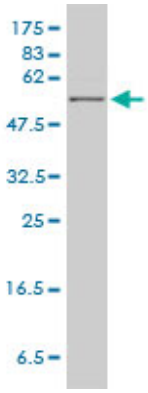
1.Sorting Nexin 27 Interacts with Multidrug Resistance-associated Protein 4 (MRP4) and Mediates Internalization of MRP4.Hayashi H, Naoi S, Nakagawa T, Nishikawa T, Fukuda H, Imajoh-Ohmi S, Kondo A,

Kubo K, Yabuki T, Hattori A, Hirouchi M, Sugiyama Y.J Biol Chem. 2012 Apr 27;287(18):15054-65. Epub 2012 Mar 12.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.