

Mouse anti-Human HPRT1 Monoclonal Antibody | anti-HPRT1 antibody

HPRT1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268552	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HPRT1; Monoclonal Antibody; HPRT1 Mouse mAb; HPRT; HGPRT; anti-HPRT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7E10
Purity/Purification	Affinity Purified
Form/Format	Purified antibody from tissue culture in PBS with 0.05% Sodium Azide
Sequence Length	218
Applicable Applications for anti-HPRT1 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human HPRT1 (AA: FULL(1-218)) expressed in E. Coli.
Cellular Localization	Cytoplasm
Conjugate	PE
Preparation and Storage	Store at +4°C short term (1-2 weeks). Upon receipt aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.

IMAGES



ELISA

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HPRT1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504483
NCBI GeneID	3251
NCBI Accession #	NP_000185.1
NCBI GenBank Nucleotide #	NP_000185.1
UniProt Accession #	P00492
Molecular Weight	24.6kDa
NCBI Official Full Name	hypoxanthine-guanine phosphoribosyltransferase
NCBI Official Synonym Full Names	hypoxanthine phosphoribosyltransferase 1
NCBI Official Symbol	HPRT1
NCBI Official Synonym Symbols	HPRT; HGPRT
NCBI Protein Information	hypoxanthine-guanine phosphoribosyltransferase
UniProt Protein Name	Hypoxanthine-guanine phosphoribosyltransferase
UniProt Gene Name	HPRT1
UniProt Synonym Gene Names	HPRT; HGPRT; HGPRTase
UniProt Entry Name	HPRT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hprt1-antibody-clone-7e10-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/268552>