

Mouse Monoclonal Antibody to HPRT1

Catalogue Number	sAP-0931
Target Molecule	<p>Name: HPRT1</p> <p>Aliases: HPRT; HGPRT</p> <p>MW: 24.6kDa</p> <p>Entrez Gene ID: 3251</p>
Description	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.
Immunogen	Purified recombinant fragment of human HPRT1 (AA: FULL(1-218)) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5F11A7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Nucleosides Nucleotides Nucleic Acids. 2011 Dec;30(12):1248-55.; 2. Mol Ther. 2010 Jan;18(1):54-62.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**