

Anti-HPRT1 Antibody (4J542)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 25 kDa. Actual: 25 kDa.
Clone:	4J542
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 25 µg total protein per lane of various lysates (see on figure) probed with HPRT1 monoclonal antibody, unconjugated (TMAB-07277) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-HPRT1 antibody (TMAB-07277, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	WB,IHC-P,IHC-Fr,IP,IF,FCM
Recommended	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IP=1:20-50,IF=1:100-500,Flow-Cyt=1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human HGPRT
Antigen Species:	Human
Gene ID:	3251
Uniprot ID:	P00492

Research Background

Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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