



Datasheet for ABIN1539946
anti-HPRT1 antibody (AA 150-178)



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1 Image

Overview

Quantity:	0.1 mL
Target:	HPRT1
Binding Specificity:	AA 150-178
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HPRT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HPRT1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 150-178 amino acids from human HPRT1.
Clone:	571CT1-3-4
Isotype:	IgM
Predicted Reactivity:	Pr
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	HPRT1
Alternative Name:	HPRT1 (HPRT1 Products)

Target Details

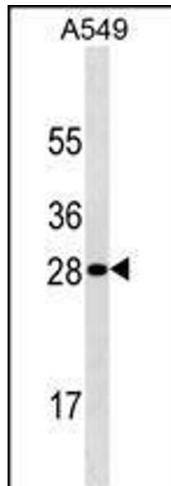
Background:	The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutations in this gene result in Lesch-Nyhan syndrome or gout.
Molecular Weight:	24579
Gene ID:	3251
NCBI Accession:	NP_000185
UniProt:	P00492
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:500~1600
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	HPRT1 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. HPRT1 Antibody ABIN1539946 western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the HPRT1 antibody detected the HPRT1 protein (arrow).