

Nur für Forschungszwecke

HPRT1 Monoklonaler Antikörper

Katalog-Nr.:67518-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67518-1-Ig	GenBank-Zugangsnummer: BC000578	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 900 µg/ml von Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3251	CloneNo.: 1C3D1
Wirt: Maus	Vollständiger Name: hypoxanthine phosphoribosyltransferase 1	Empfohlene Verdünnungen: WB 1:1000-1:5000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 25 kDa	
Immunogen Katalognummer: AG7044	Beobachtete Masse: 24-28 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen
	IF : HeLa-Zellen,

Hintergrundinformationen

HPRT1, also named as HGPRT, plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutation of HPRT1 is associated with Lesch-Nyhan syndrome (LNS) which is an X-linked inherited neurogenetic disorder of purine metabolism. It has been reported that HPRT1 also plays an important role in HPRT-related gout. 67518-1-Ig antibody detects the protein around 28 kDa in SDS-PAGE. And HPRT1 deficient cell line Sp2/0 was served as a negative control in PTG's results.(PMID:20544509, 28045594, 27379977)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

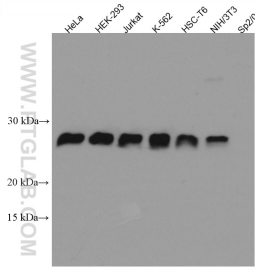
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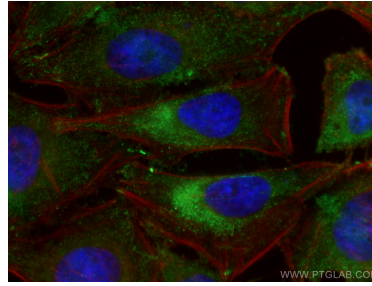
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67518-1-Ig (HPRT1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. HPRT1 deficient cell line Sp2/0 was served as a negative control.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 67518-1-Ig (HPRT1 antibody) at dilution of 1:100 and Coralite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).