

Nur für Forschungszwecke

MTH1 Monoklonaler Antikörper

Katalog-Nr.:CL594-67443



Allgemeine Informationen

Katalog-Nr.: CL594-67443	GenBank-Zugangsnummer: BC014618	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von4521 Nanodrop;	GeneID (NCBI): 2D7G4	CloneNo.: 2D7G4
Wirt: Maus	Vollständiger Name: nudix (nucleoside diphosphate linked IF moiety X)-type motif 1	Empfohlene Verdünnungen: 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 179aa,20 kDa; 197aa,23 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG9802	Beobachtete Masse: 19 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

MTH1, also known as NUDT1 or 8-Oxo-dGTPase, is an important repair enzyme that prevents oxidative stress-induced DNA damage through hydrolyzing mutagenic 8-oxo-dGTP into 8-oxo-dGMP. MTH1 is expressed in postmitotic neurons as well as in proliferative tissues, and it is localized both in the mitochondria and nucleus. MTH1 might be a useful marker of oxidative stress and its level increased upon oxidative stress. Increased expression of MTH1 were also found in various cancer tissues and neurodegenerative diseases.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

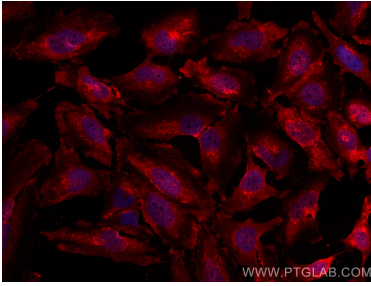
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

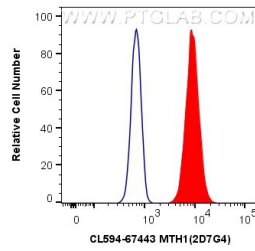
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594 MTH1 antibody (CL594-67443, Clone: 2D7G4) at dilution of 1:200.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MTH1 (CL594-67443, Clone:2D7G4) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).