

Nur für Forschungszwecke

DCTD Monoklonaler Antikörper

Katalog-Nr.:68357-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68357-1-Ig	GenBank-Zugangsnummer: BC001286	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von1635 Nanodrop;	GeneID (NCBI): dCMP deaminase	CloneNo.: 3D2G12
Wirt: Maus	Vollständiger Name: dCMP deaminase	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:400-1:1600
Isotyp: IgG1	Berechnete Masse: 178 aa, 20 kDa	
Immunogen Katalognummer: AG10245	Beobachtete Masse: 18-20 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : A549-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, U2OS- Zellen
	IF : HepG2-Zellen,

Hintergrundinformationen

DCTD(Deoxycytidylate deaminase) is also named as dCMP deaminase and belongs to the cytidine and deoxycytidylate deaminase family. It catalyzes the deamination of dCMP to dUMP, thus providing the nucleotide substrate for thymidylate synthase. Control of deaminase activity at this juncture in deoxyribonucleotide metabolism is determined by the ratio of dCTP to dTTP in the cell, since the enzyme is allosterically activated by dCTP and inhibited by dTTP(PMID:7685356). It has 2 isoforms produced by alternative splicing and can exist as a dimer(pMID:8798492).

Lagerung

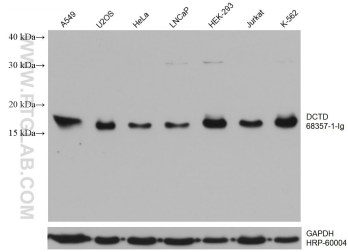
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

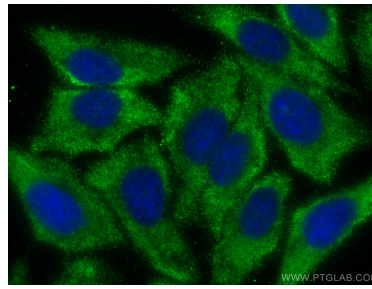
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68357-1-Ig (DCTD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DCTD antibody (68357-1-Ig, Clone: 3D2G12) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).