

Nur für Forschungszwecke

CHD4 Monoklonaler Antikörper

Katalog-Nr.:CL594-66222

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-66222	GenBank-Zugangsnummer: BC038596	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von1108 Nanodrop;	GeneID (NCBI): 1108	CloneNo.: 3D9G2
Wirt: Maus	Vollständiger Name: chromodomain helicase DNA binding protein 4	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 1937 aa, 221 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG5729	Beobachtete Masse: 260 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

Chromodomain helicase DNA-binding protein 4 (CHD4) is an ATP dependent chromatin remodeler and a major subunit of the repressive NuRD complex [PMID:9790534]. This complex plays key roles in transcriptional regulation and reorganization and maintenance of chromatin structure, as it targets pericentromeric heterochromatin and has recently been implicated in DNA damage repair, being rapidly recruited to DNA double strand breaks [PMID:17694084]. CHD4 is a novel BRIT1 binding partner that regulates the HR repair process, which is a critical pathway of repairing DNA double strand breaks and plays an essential role in maintaining genomic integrity [PMID:22219182]. The calculated molecular weight of CHD4 is 218 kDa, but modified CHD4 is about 250-280 kDa.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
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

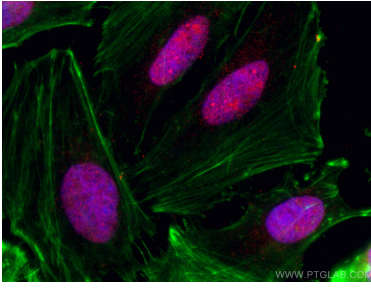
For technical support and original validation data for this product please contact:

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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 CHD4 antibody (CL594-66222, Clone: 3D9G2) at dilution of 1:100. Green: Stain with PF00001, CoraLite®488-Phalloidin.