

Nur für Forschungszwecke

RBAP48 Monoklonaler Antikörper

Katalog-Nr.:CL594-66060



Allgemeine Informationen

Katalog-Nr.: CL594-66060	GenBank-Zugangsnummer: BC053904	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von5928 Nanodrop;	GeneID (NCBI): 5C4D6	CloneNo.: 5C4D6
Wirt: Maus	Vollständiger Name: retinoblastoma binding protein 4	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 48 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG6196		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : A549-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

Histone-binding protein RBBP4 (also known as RbAp48, or NURF55) is a protein that in humans is encoded by the RBBP4 gene. This gene encodes a ubiquitously expressed nuclear protein that belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2/NuRD complex complex that has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of corepressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. A decrease of RbAp48 in the dentate gyrus (DG) of the hippocampus in the brain is suspected to be a main cause of memory loss in normal aging (PMID: 23986399).

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**

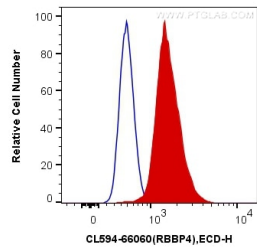
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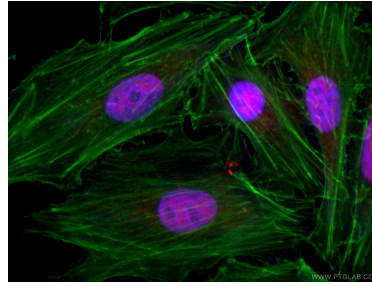
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Ausgewählte Validierungsdaten



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human RBP48 (CL594-66060, Clone:5C4D6) (red), or 0.2 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite®594-conjugated RBP48 antibody (CL594-66060, Clone: 5C4D6) at dilution of 1:200, CL488-Phalloidin (green).