

Nur für Forschungszwecke

KU70, XRCC6 Monoklonaler Antikörper

Katalog-Nr.: CL594-66607



Allgemeine Informationen

Katalog-Nr.: CL594-66607	GenBank-Zugangsnummer: BC008343	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von2547 Nanodrop;	GeneID (NCBI): von2547	CloneNo.: 3C12D9
Wirt: Maus	Vollständiger Name: X-ray repair complementing defective repair in Chinese hamster cells 6	Empfohlene Verdünnungen: WB 1:500-1:1000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 75 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG21301	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF, WB	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB: HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, MCF-7-Zellen IF: HepG2-Zellen,

Hintergrundinformationen

X-ray repair cross-complementing protein 6(XRCC6)gene encodes subunit p70 of the p70/p80 autoantigen which has a role in DNA repair or transposition. DNA helicase II complex binds preferentially to fork-like ends of double-stranded DNA in a cell cycle-dependent manner, which may be mediated by XRCC6. XRCC6/5 can form a heterodimer, which function as a regulatory subunit of the DNA-dependent protein kinase complex DNA-PK by increasing the affinity of the catalytic subunit PRKDC to DNA, and also it can stabilize broken DNA ends and bringing them together. Otherwise, XRCC5/6 heterodimer together with APEX1 can negatively regulate of transcription.

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**

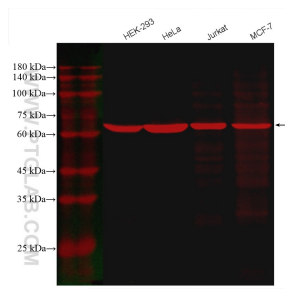
For technical support and original validation data for this product please contact:

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

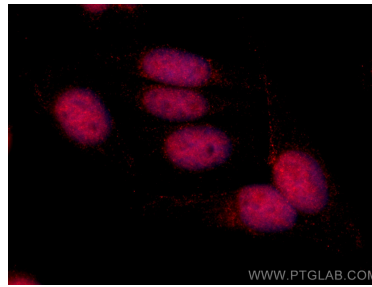
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W: ptglab.com

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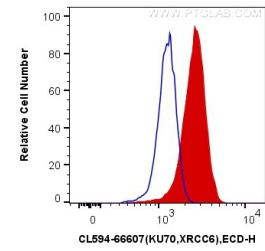
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with CL594-66607 (KU70,XRCC6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 KU70,XRCC6 antibody (CL594-66607, Clone: 3C12D9) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human KU70,XRCC6 (CL594-66607, Clone:3C12D9) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).