

À des fins de recherche uniquement

Anticorps Monoclonal anti-KU70, XRCC6



Numéro de catalogue: CL594-66607

Informations de base

Numéro de catalogue: CL594-66607	Numéro d'acquisition GenBank: BC008343	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2547	CloneNo.: 3C12D9
Hôte: Mouse	Nom complet: X-ray repair complementing defective repair in Chinese hamster cells 6	Dilutions recommandées: WB 1:500-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé 75 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG21301	MW observés: 70 kDa	

Applications

Applications testées:
FC (Intra), IF, WB
Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules Jurkat, cellules MCF-7
IF : cellules HepG2,

Informations générales

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.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

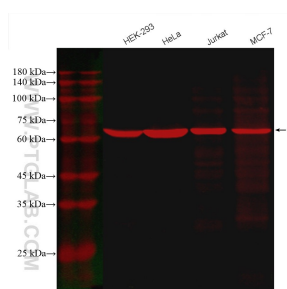
For technical support and original validation data for this product please contact:

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

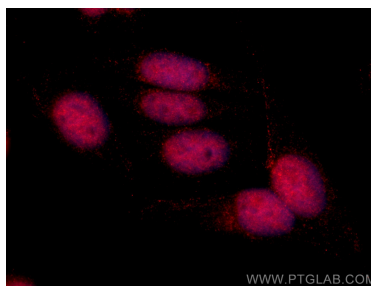
E: proteintech@ptglab.com
W: ptglab.com

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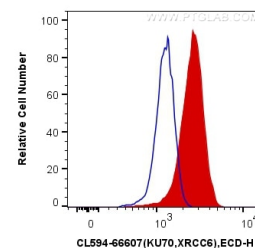
Données de validation sélectionnées



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).