

À des fins de recherche uniquement

Anticorps Monoclonal anti-RAD51

Numéro de catalogue: 67024-1-Ig

Phare

2 Publications



Informations de base

Numéro de catalogue: 67024-1-Ig	Numéro d'acquisition GenBank: BC001459	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1700 µg/ml by 5888 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)	CloneNo.: 4A12B8
Hôte: Mouse	Nom complet: RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotype: IgG2a	MW calculé: 37 kDa	
Immunogen Catalog Number: AG7410	MW observés: 37 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules 4T1, cellules HSC-T6, cellules K-562, cellules NIH/3T3

IHC : tissu testiculaire de souris,

Informations générales

RAD51 plays a critical role in the maintenance of genomic integrity by functioning in the repair of DNA double-strand breaks. It mediates homologous pairing and strand exchange in recombinatory structures known as RAD51foci in the nucleus. It also can bind to single and double stranded DNA and exhibits DNA-dependent ATPase activity. In addition, it has a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51C and XRCC3.

Publications notables

Autrice	Pubmed ID	Journal	Application
Inken Flörkemeier	36142413	Int J Mol Sci	WB,IF
Ruijie Qian	35477389	J Nanobiotechnology	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

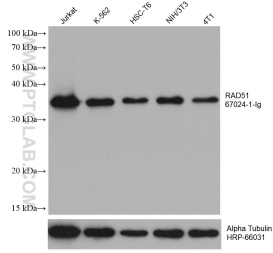
For technical support and original validation data for this product please contact:

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

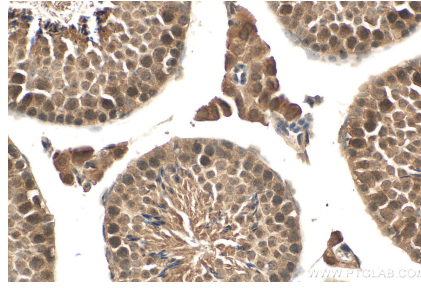
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

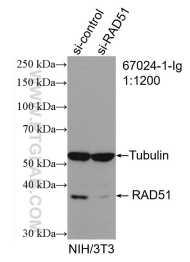
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67024-1-Ig (RAD51 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67024-1-Ig (RAD51 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of RAD51 antibody (67024-1-Ig; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-RAD51 transfected NIH/3T3 cells.