

À des fins de recherche uniquement

Anticorps Monoclonal anti-RAD52

Numéro de catalogue: 68283-1-Ig



Informations de base

Numéro de catalogue: 68283-1-Ig	Numéro d'acquisition GenBank: NM_001297419	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5893	CloneNo.: 3H8G9
Hôte: Mouse	Nom complet: RAD52 homolog (S. cerevisiae)	Dilutions recommandées: WB 1:2000-1:10000
Isotype: IgG1	MW calculé: 46 aa	
Immunogen Catalog Number: AG27665	MW observés: 46 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HEK-293, cellules 4T1, cellules HL-60, cellules HSC-T6
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

In *Saccharomyces cerevisiae*, Rad52 functions as a critical mediator of homologous recombination (HR) by facilitating the loading of Rad51 onto ssDNA. However, in mammalian systems and other vertebrates, BRCA2 is known to function as the primary mediator of RAD51 filament formation, while prior studies have shown a limited role for RAD52 in HR. Additionally, loss of RAD52 has little consequence for cell viability. Recent evidence suggests that RAD52 may provide an alternative mediator pathway to BRCA2 function (PMID: 34928169). Several studies have suggested a link between the functional regulation of RAD52 and the protein modification by a small ubiquitin-like modifier (SUMO), sumoylation may play an important role in the nuclear transport of RAD52 (PMID:20190268). The calculated MW of Rad52 is 46 kDa, 68283-1-Ig can detect the band around 46 kDa.

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.

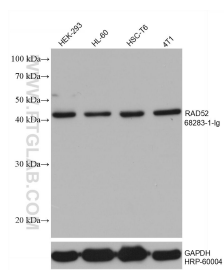
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68283-1-Ig (RAD52 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.