

Nur für Forschungszwecke

RAD52 Monoklonaler Antikörper

Katalog-Nr.:68283-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68283-1-Ig	GenBank-Zugangsnummer: NM_001297419	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von5893 Nanodrop;	GeneID (NCBI): 5893	CloneNo.: 3H8G9
Wirt: Maus	Vollständiger Name: RAD52 homolog (S. cerevisiae)	Empfohlene Verdünnungen: WB 1:2000-1:10000
Isotyp: IgG1	Berechnete Masse: 46 aa	
Immunogen Katalognummer: AG27665	Beobachtete Masse: 46 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, 4T1-Zellen, HL-60-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

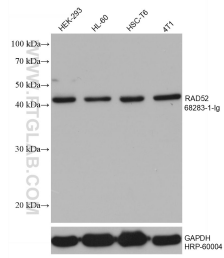
For technical support and original validation data for this product please contact:

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

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.

Ausgewählte Validierungsdaten



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.