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Datasheet for ABIN2565838

## anti-RAD51 Homolog B antibody (AA 1-384)

### 2 Images

#### Overview

Quantity:	50 µg
Target:	RAD51 Homolog B (Rad51B)
Binding Specificity:	AA 1-384
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This RAD51 Homolog B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

#### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human RAD51L1 protein.
Immunogen:	RAD51L1 (NP_598193, 1 a.a. ~ 384 a.a) full-length human protein.
Sequence:	MGSKKLKRVG LSQELCDRLS RHQILTCQDF LCLSPLELMK VTGLSYRGVH ELLCMVSRAC APKMQTAYGI KAQRSADFSP AFLSTTLSAL DEALHGGVAC GSLTEITGPP GCGKTQFCIM MSILATLPTN MGGLEGAVVY IDTESAFSAE RLVEIAESRF PRYFNTEEKLLTSSKVHLY RELTCDVLQ RIESLEEEII SKGIKLVILD SVASVVRKEF DAQLQGNLKE RNKFLAREAS SLKYLAEEFS IPVILTNIQT THLSGALASQ ADLVSPADDL SLSEGTSGSS CVIAALGNTW SHSVNTRLIL QYLDSEERRQI LIAKSPLAPF TSVVYTIKEE GLVLQETTFC SVTQAEINWA PEILPPQPPE QLGLQMCHHT QLIF
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

Target:	RAD51 Homolog B (Rad51B)
Alternative Name:	RAD51L1 ( <a href="#">Rad51B Products</a> )
Background:	Full Gene Name: RAD51-like 1 (S. cerevisiae) Synonyms: MGC34245,R51H2,RAD51B,REC2,hREC2
Gene ID:	5890
NCBI Accession:	<a href="#">NM_133509</a>
Pathways:	<a href="#">DNA Damage Repair</a>

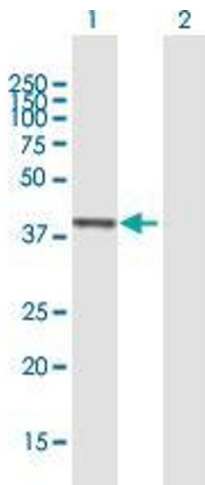
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	In 1x PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images

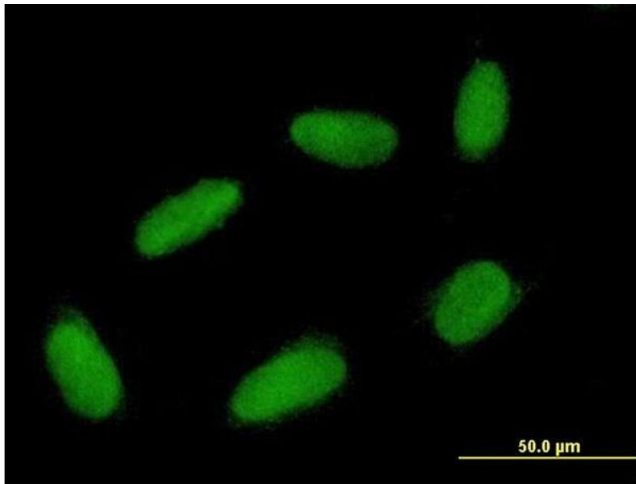


### Western Blotting

**Image 1.** Western Blot analysis of RAD51L1 expression in transfected 293T cell line by RAD51L1 MaxPab polyclonal antibody.

Lane 1: RAD51L1 transfected lysate(42.24 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

**Image 2.** Immunofluorescence of purified MaxPab antibody to RAD51L1 on HepG2 cell. [antibody concentration 20 ug/ml]