

Datasheet for ABIN7269827

**anti-RAD51D antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	RAD51D
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RAD51D antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Rad51D Rabbit mAb
Immunogen:	Recombinant protein of Human Rad51D.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	RAD51D
Alternative Name:	Rad51D ( <a href="#">RAD51D Products</a> )
Background:	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family

## Target Details

members are highly similar to bacterial RecA and *Saccharomyces cerevisiae* Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL)

gene.,RAD51D,BROVCA4,R51H3,RAD51L3,TRAD,Rad51D,Epigenetics & Nuclear Signaling,DNA Damage & Repair,Rad51D

Molecular Weight: 5kDa/12kDa/22kDa/23kDa/30kDa/35kDa/37kDa

Gene ID: 5892

UniProt: [075771](#)

## Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

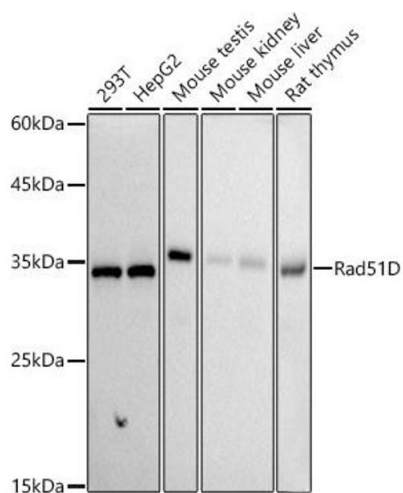
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Rad51D antibody (ABIN7269827) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.