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Datasheet for ABIN7269824
anti-RAD23A antibody

4 Images

Overview

Quantity:	100 µL
Target:	RAD23A
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RAD23A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rad23A Rabbit mAb
Immunogen:	A synthesized peptide derived from human Rad23A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RAD23A
Alternative Name:	RAD23A (RAD23A Products)
Background:	The protein encoded by this gene is one of two human homologs of <i>Saccharomyces cerevisiae</i>

Target Details

Rad23, a protein involved in nucleotide excision repair. Proteins in this family have a modular domain structure consisting of an ubiquitin-like domain (UbL), ubiquitin-associated domain 1 (UbA1), XPC-binding domain and UbA2. The protein encoded by this gene plays an important role in nucleotide excision repair and also in delivery of polyubiquitinated proteins to the proteasome. Alternative splicing results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Jun 2012],HHR23A, HR23A,DNA Damage & Repair,Epigenetics & Nuclear Signaling,RAD23A

Molecular Weight: 55kDa

Gene ID: 5886

UniProt: [P54725](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

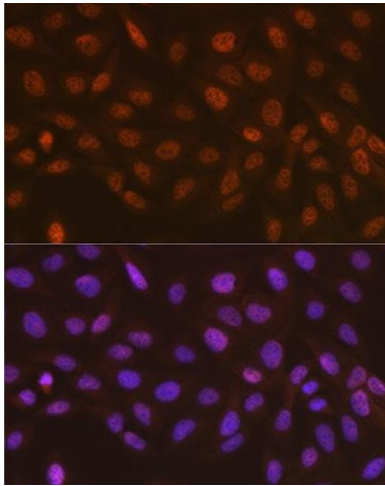
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

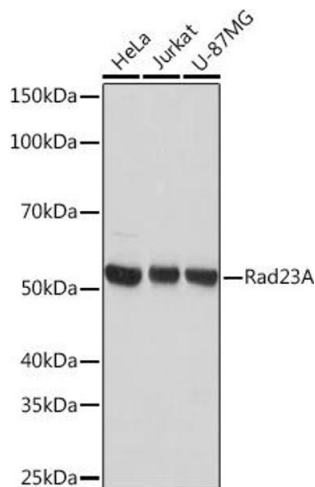
Storage: -20 °C

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



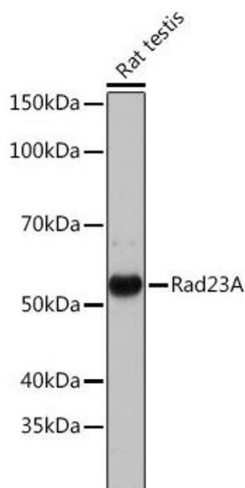
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using Rad23A Rabbit mAb (ABIN7269824) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Rad23A Rabbit mAb (ABIN7269824) 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: 1 min.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Rad23A Rabbit mAb (ABIN7269824) 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: 3 min.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7269824.