
Product Name: KD-Validated RAD23B Mouse Monoclonal Antibody**Catalog #: KVA00651**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 43.2kDa

Antigen Information

Gene Name	RAD23B RAD23B; RAD23 Homolog B, Nucleotide Excision Repair Protein; HHR23B; HR23B; P58; XP-C Repair-Complementing Complex 58 KDa Protein; UV Excision Repair Protein RAD23
Alternative Names	Homolog B; XP-C Repair Complementing Complex 58 KDa; XP-C Repair Complementing Protein; RAD23 (S. Cerevisiae) Homolog B; RAD23 Homolog B (S. Cerevisiae); RAD23, Yeast Homolog Of, B
Gene ID	5887.0
SwissProt ID	P54727
Immunogen	Recombinant protein of human RAD23B

Background

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Sep 2011]

Research Area

Epigenetics and Nuclear Signaling

Image Data

