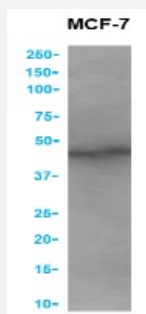


RecomAb™

RAD23B recombinant monoclonal antibody, clone SAIC-28B-8

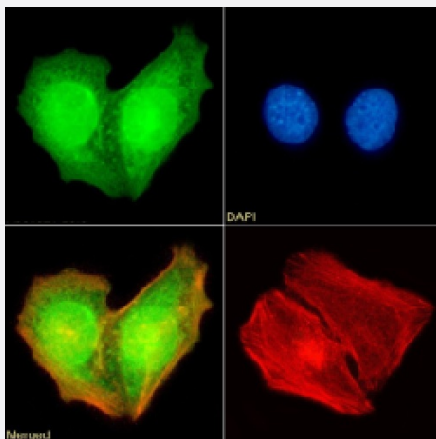
Catalog # RAB03774 Size 200 ug

Applications



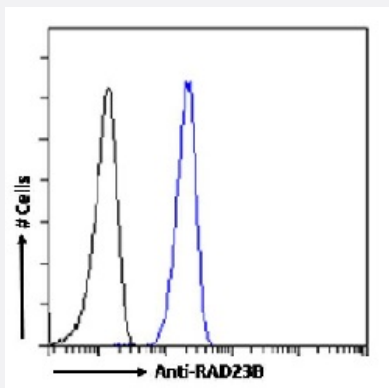
Western Blot

Western blot analysis of RAD23B in nuclear lysate of MCF7 cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774).



Immunofluorescence

Immunofluorescence analysis of RAD23B (green) in HeLa cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774), and DAPI (blue).



Flow Cytometry

Flow-cytometry analysis of RAD23B in HeLa cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide corresponding to human U V excision repair protein RAD23 homolog B, conjugated to KLH.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human UV excision repair protein RAD23 homolog B, conjugated to KLH
Sequence	IDIDPEETVK
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Concentration	batch dependent
Isotype	IgG
Recommend Usage	Flow cytometry Immunofluorescence ImmunoMRM Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	For research use only.

Applications

- Western Blot

Western blot analysis of RAD23B in nuclear lysate of MCF7 cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774).

- Immunofluorescence

Immunofluorescence analysis of RAD23B (green) in HeLa cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774), and DAPI(blue).

- Flow Cytometry

Flow-cytometry analysis of RAD23B in HeLa cells using human anti-RAD23B recombinant monoclonal antibody, clone SAIC-28B-8 (Cat # RAB03774).

- Immuno-MRM (multiple reaction monitoring)

Gene Info — RAD23B

Entrez GeneID [5887](#)

Protein Accession# [P54727](#)

Gene Name RAD23B

Gene Alias HHR23B, HR23B, P58

Gene Description RAD23 homolog B (S. cerevisiae)

Omim ID [600062](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000021857|RAD23, yeast homolog of, BJUV excision repair protein RAD23 homolog B|XP-C repair complementing complex 58 kDa|XP-C repair complementing protein

Pathway

- [Nucleotide excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)

- [Ataxia telangiectasia](#)
- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)