

Rad23B (5H1) Mouse mAb

db6213

Package : 50µL 100µL

Product Name : Rad23B (5H1) Mouse mAb**Cat.No.:** db6213**Synonyms** : P58; HR23B; HHR23B**Application** : WB, ICC/IF, IHC-Fr, IHC-P**Reactivity** : Human, Mouse, Rat, Monkey, Hamster**Host species** : Mouse**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.

Immunogen

Purified recombinant human hHR23b protein fragments expressed in E.coli

Gene ID

5887

Swiss Prot

P54727

Synonyms

P58; HR23B; HHR23B

Reactivity

Human, Mouse, Rat, Monkey, Hamster

Application

WB, ICC/IF, IHC-Fr, IHC-P

Recommended dilution

WB: 1:500-1:1000

IHC: 1:50-1:100

ICC/IF: 1:50-1:200

Calculated MW

43 kDa

Observed MW

58 kDa

Host species

Mouse

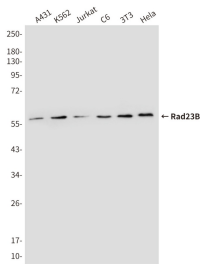
Clonality

Monoclonal

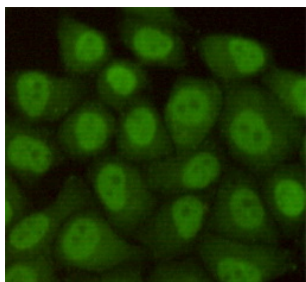
Clonality No.

5H1-A10-A7

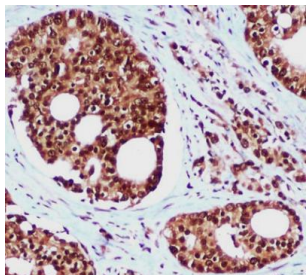
Isotype	IgG2b
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



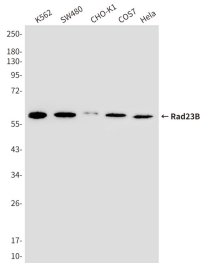
Western blot analysis of hHR23b in A431, K562, Jurkat, C6, 3T3 and HeLa lysates using hHR23b antibody.



Immunocytochemistry analysis of Rad23B (5H1) in HeLa using hHR23b antibody.



Immunohistochemistry analysis of paraffin-embedded Prostate Cancer using hHR23b antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Rad23B (5H1) in K562, SW480, CHO-K1, 3T3 and COS7 lysates using Rad23B (5H1) antibody