Mouse hHR23b Monoclonal Antibody | anti-hHR23b antibody

hHR23b Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320378	**Mouse**	**Human, Mouse, Rat, Monkey, Hamster**	**Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

hHR23b; Monoclonal Antibody; hHR23b Mouse mAb; hHR 23b; hHR23B; HR 23B; HR23B; mHR 23B; mHR23B; P58; RAD 23B; RAD23 (S. cerevisiae) homolog B; RAD23 homolog B (S. cerevisiae); RAD23 homolog B; RAD23 yeast homolog of B; RAD23B; RD23B_HUMAN; UV excision repair protein RAD23 homolog B; XP C repair complementing complex 58 kDa; XP C repair complementing complex 58 kDa protein; XP C repair complementing protein; XP-C repair-complementing complex 58 kDa protein; XPC repair complementing complex 58 kDa; XPC repair complementing complex 58 kDa protein; XPC repair complementing protein.; anti-hHR23b antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey, Hamster
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of hHR23b and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-hHR23b antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human hHR23b protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Prostate Cancer using hHR23b mouse mAb (1/100 dilution).Antigen retrieval was performed by pressure cooking in citrate buffer (pH 6.0).

ICC (Immunocytochemistry)
Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-hHR23b antibody (dilution 1:100).

WB (Western Blot)
Western blot detection of hHR23b in K562.SW480.CHO-K1.3T3 and COS7 cell lysates using hHR23b mouse mAb (1:1000 diluted).Predicted band size:58KDa.Observed band size:58KDa.Exposure time:5min.

WB (Western Blot)
Western blot detection of hHR23b in A431.K562.Jurkat.C6.3T3 and Hela cell lysates using hHR23b mouse mAb (1:1000 diluted).Predicted band size:58KDa.Observed band size:58KDa.Exposure time:5min.

ADDITIONAL INFORMATION

Related Product Information for anti-hHR23b antibody	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]
Product Categories/Family for anti-hHR23b antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	347800665
NCBI GeneID	5887
NCBI Accession #	NP_001231653.1
NCBI GenBank Nucleotide #	NM_001244724.1
UniProt Accession #	P54727; Q7Z5K8; Q8WUB0; B3KWK8; G5E9P0
Molecular Weight	43,171 Da
NCBI Official Full Name	UV excision repair protein RAD23 homolog B isoform 3
NCBI Official Synonym Full Names	RAD23 homolog B (S. cerevisiae)
NCBI Official Symbol	RAD23B
NCBI Official Synonym Symbols	P58; HR23B; HHR23B
NCBI Protein Information	UV excision repair protein RAD23 homolog B; RAD23, yeast homolog of, B; XP-C repair complementing protein; XP-C repair complementing complex 58 kDa; XP-C repair-complementing complex 58 kDa protein
UniProt Protein Name	UV excision repair protein RAD23 homolog B
UniProt Gene Name	**RAD23B**
UniProt Synonym Gene Names	HR23B; hHR23B; p58
UniProt Entry Name	RD23B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/hhr23b-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/320378