

Mouse anti-Human, Rat RAD18 Monoclonal Antibody | anti-RAD18 antibody

RAD18 (E3 Ubiquitin-protein Ligase RAD18, Postreplication Repair Protein RAD18, hRAD18, hHR18, RING Finger Protein 73, RNF73) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25516	Mouse	Human, Rat	ELISA, Immunohistochemistry, Western Blot

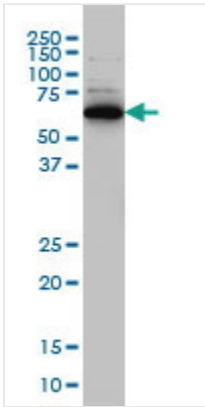
PRODUCT SYNONYMS

RAD18; Monoclonal Antibody; RAD18 (E3 Ubiquitin-protein Ligase RAD18; Postreplication Repair Protein RAD18; hRAD18; hHR18; RING Finger Protein 73; RNF73) (HRP); EC=6.3.2.-; anti-RAD18 antibody

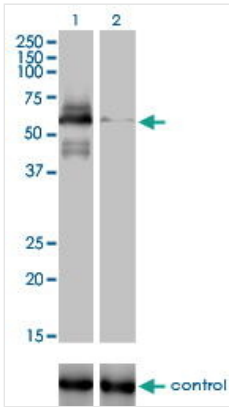
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3H7
Specificity	Recognizes human RAD18. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-RAD18 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa332-431 from human RAD18 (NP_064550) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EKEIDEIHSKYRKKHKSEFQLLDQARKGYKKIAGMSQKTVTITKEDESTKLSSVCMGQEDNMTSVTNHFSQSKLDSPEELEDREEDSSSCIDIQEV
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

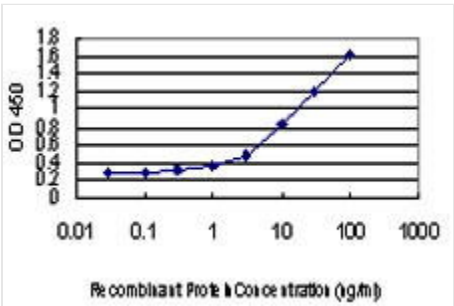
IMAGES



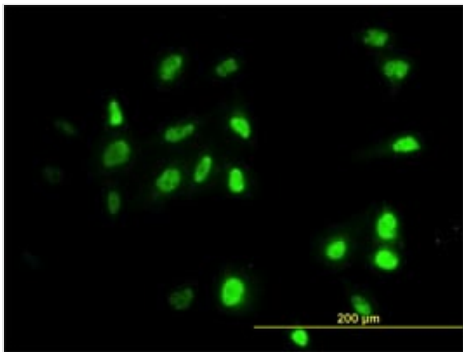
WB (Western Blot)
RAD18 monoclonal antibody, Western Blot analysis of RAD18 expression in HeLa NE.



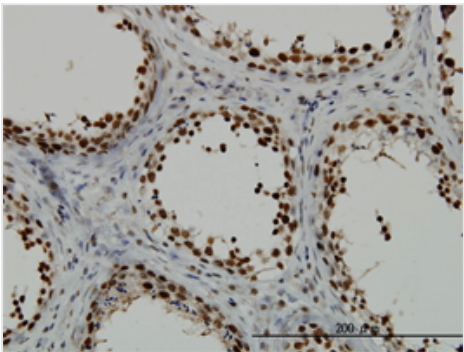
WB (Western Blot)
Western blot analysis of RAD18 over-expressed 293 cell line, cotransfected with RAD18 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RAD18 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



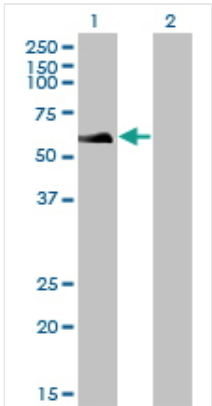
Application Data
Detection limit for recombinant GST tagged RAD18 is ~0.1ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RAD18 on HeLa cell. [antibody concentration 25ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to RAD18 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5ug/ml].



WB (Western Blot)
Western Blot analysis of RAD18 expression in transfected 293T cell line by RAD18 monoclonal antibody. Lane 1: RAD18 transfected lysate (56.2kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RAD18 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
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NCBI AND UNIPROT INFORMATION

NCBI GI #	256818821
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NCBI GeneID	56852
NCBI Accession #	NP_064550
NCBI GenBank Nucleotide #	NM_020165
UniProt Accession #	Q9NS91
Molecular Weight	56kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase RAD18
NCBI Official Synonym Full Names	RAD18 E3 ubiquitin protein ligase
NCBI Official Symbol	RAD18
NCBI Official Synonym Symbols	RNF73
NCBI Protein Information	E3 ubiquitin-protein ligase RAD18
UniProt Protein Name	E3 ubiquitin-protein ligase RAD18
UniProt Gene Name	RAD18
UniProt Synonym Gene Names	RNF73; hHR18; hRAD18
UniProt Entry Name	RAD18_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/rad18-antibody-clone-3h7-immunohistochemistry-western-blot-elisa/25516>