

## Mouse RAD18 Monoclonal Antibody | anti-RAD18 antibody

RAD18 Mouse anti-Human Monoclonal (3H7) Antibody

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                                                                        |
|-----------|-------|-------------------|-------------------------------------------------------------------------------------|
| AAA21330  | Mouse | Mouse, Rat, Human | ELISA, Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot |

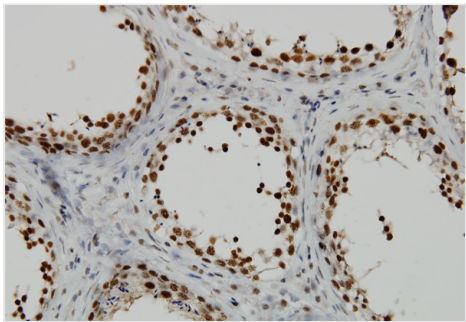
### PRODUCT SYNONYMS

RAD18; Monoclonal Antibody; RAD18 Mouse anti-Human Monoclonal (3H7) Antibody; IHC-plus RAD18 Antibody (clone 3H7); HHR18; HRAD18; RNF73; RAD18 homolog (S. cerevisiae); S. cerevisiae; homolog; RING finger protein 73; anti-RAD18 antibody

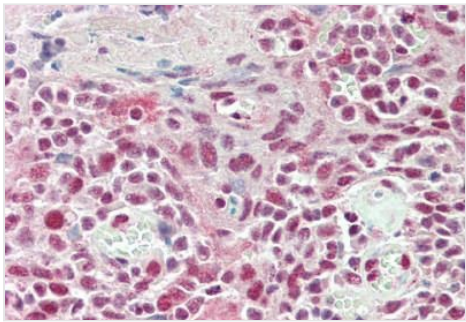
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                      | Mouse, Rat, Human                                                                                                                                                                                                                                                                                                                 |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                        |
| Isotype                                         | IgG2b,k                                                                                                                                                                                                                                                                                                                           |
| Clone Number                                    | 3H7                                                                                                                                                                                                                                                                                                                               |
| Specificity                                     | Human RAD18                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                             | Purified from ascites by Protein A                                                                                                                                                                                                                                                                                                |
| Form/Format                                     | PBS, pH7.4                                                                                                                                                                                                                                                                                                                        |
| Concentration                                   | 0.5mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-RAD18 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                         |
| Application Notes                               | <p>ELISA: 1:100-1:2000</p> <p>IF: 25ug/ml</p> <p>IHC-P: 1.5-10ug/ml</p> <p>WB: 1:500</p> <p>Immunohistochemistry: Formalin-fixed paraffin-embedded sections. RNAi Knockdown: Antibody validated.</p> <p>Sandwich ELISA: Recombinant protein. Western Blot: Cell lysate, Cell lysate, Transfected lysate, Recombinant protein.</p> |
| Target                                          | Human RAD18                                                                                                                                                                                                                                                                                                                       |
| Immunogen                                       | RAD18 (NP_064550, 332 aa ~ 431 aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                   |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C or lower. Aliquot to avoid freeze-thaw cycles.                                                                                                                                                                                                                                                              |

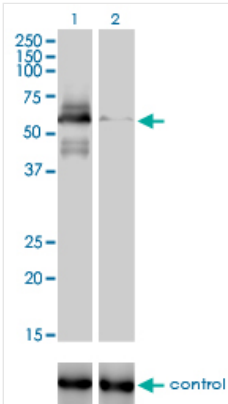
IMAGES



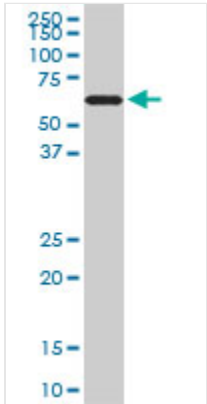
**IHC (Immunohistochemistry)**  
RAD18 Antibody-Immunoperoxidase of monoclonal antibody to RAD18 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]



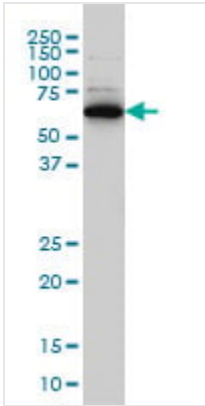
**IHC (Immunohistochemistry)**  
RAD18 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



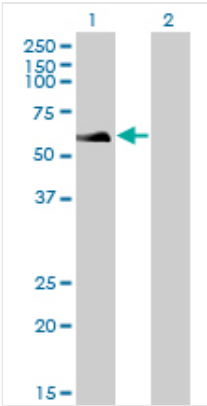
**WB (Western Blot)**  
RAD18 Antibody-Western blot of RAD18 over-expressed 293 cell line, cotransfected with RAD18 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RAD18 monoclonal antibody, clone 3H7. GAPDH (36.1 kD) used as specificity.



**WB (Western Blot)**  
RAD18 Antibody-RAD18 monoclonal antibody (M01), clone 3H7. Western blot of RAD18 expression in PC-12.



**WB (Western Blot)**  
RAD18 Antibody-RAD18 monoclonal antibody (M01), clone 3H7 Western blot of RAD18 expression in HeLa NE.



**WB (Western Blot)**  
RAD18 Antibody-Western blot of RAD18 expression in transfected 293T cell line by RAD18 monoclonal antibody (M01), clone 3H7.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAD18 antibody | RAD18 antibody is an unconjugated mouse monoclonal antibody to RAD18 from human. It is reactive with human, mouse and rat. Validated for ELISA, IF, IHC, RNAi and WB. Tested on 20 paraffin-embedded human tissues. |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                           |           |
|---------------------------|-----------|
| NCBI GeneID               | 56852     |
| NCBI GenBank Nucleotide # | NM_020165 |

**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-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21330>