



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|   |   |
|---|---|
| <b>Product Number</b>                                 | ARP57717_P050-FITC  |
| <b>Product Page</b>                                   | <a href="http://www.avivasysbio.com/rad1-antibody-middle-region-fitc-arp57717-p050-fitc.html">www.avivasysbio.com/rad1-antibody-middle-region-fitc-arp57717-p050-fitc.html</a>  |
| <b>Name</b>   | RAD1 Antibody - middle region : FITC (ARP57717_P050-FITC)   |
| <b>Protein Size (# AA)</b>                            | 282 amino acids   |
| <b>Molecular Weight</b>                               | 32kDa   |
| <b>Conjugation</b>                                    | FITC: Fluorescein Isothiocyanate  |
| <b>NCBI Gene Id</b>                                   | 5810  |
| <b>Host</b>   | Rabbit  |
| <b>Clonality</b>                                      | Polyclonal  |
| <b>Concentration</b>                                  | 0.5 mg/ml   |
| <b>Gene Full Name</b>                                 | RAD1 homolog (S. pombe)   |
| <b>Alias Symbols</b>                                  | REC1, HRAD1   |
| <b>Peptide Sequence</b>                               | Synthetic peptide located within the following region:<br><a href="#">ITMSPDKPYFRLSTFGNAGSSHLDPKDSDLMEAFHCNQTVNRYKISLL</a>  |
| <b>Product Format</b>                                 | Liquid. Purified antibody supplied in 1x PBS buffer.  |
| <b>Description of Target</b>                          | This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. |
| <b>Protein Interactions</b>                           | ATRX; FEN1; UBC; MSH3; MSH2; MSH6; COPS5; HUS1; ATR; MAP1LC3B; HUS1B; RAD9B; RAD17; POLB; DNAJC7; PARK2; RPA2; RPA1; RAD9A;   |
| <b>Reconstitution and Storage</b>                     | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.          |
| <b>Datasheets/Manuals</b>                             | Printable datasheet for <a href="#">anti-RAD1 (ARP57717_P050-FITC) antibody</a>   |
| <b>Blocking Peptide</b>                               | For anti-RAD1 (ARP57717_P050-FITC) antibody is <a href="#">Catalog# AAP57717</a> (Previous Catalog# AAPP44069)  |
| <b>Immunogen</b>                                      | The immunogen is a synthetic peptide directed towards the middle region of human RAD1   |
| <b>Uniprot ID</b>                                     | <a href="#">O60671</a>  |
| <b>Protein Name</b>                                   | Cell cycle checkpoint protein RAD1  |
| <b>Sample Type Confirmation</b>                       | RAD1 is strongly supported by BioGPS gene expression data to be expressed in COLO205  |
| <b>Protein Accession #</b>                            | <a href="#">NP_002844</a>   |
| <b>Purification</b>                                   | Affinity Purified   |
| <b>Nucleotide Accession #</b>                         | <a href="#">NM_002853</a>   |
| <b>Gene Symbol</b>                                    | <a href="#">RAD1</a>  |
| <b>Predicted Species Reactivity</b>                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit  |
| <b>Application</b>                                    | WB  |
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%   |

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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