

## Datasheet: AHP555

<b>Description:</b>	RABBIT ANTI RAD1
<b>Specificity:</b>	RAD1
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting (1)	■			1/500 - 1/1000
Immunofluorescence	■			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1)**AHP555 is recommended for use in nuclear extracts wherever possible.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Serum - liquid
<b>Antiserum Preparation</b>	Antisera to human Rad 1 were raised by repeated immunisation of rabbits with highly purified antigen.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Immunogen</b>	His tagged full length human Rad 1 protein.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O60671</a> <a href="#">Related reagents</a>

**Entrez Gene:**[5810](#) RAD1 [Related reagents](#)

---

<b>Synonyms</b>	REC1
-----------------	------

---

<b>Specificity</b>	<b>Rabbit anti Rad1 antibody</b> recognizes human RAD1, a homologue of <i>Schizosaccharomyces pombe</i> Rad 1 and <i>Saccharomyces cerevisiae</i> Rad 17p.  Rad1 plays an important role in both meiotic and mitotic checkpoint controls ( <a href="#">Thelen et al. 1999</a> ).
--------------------	--

---

<b>References</b>	1. Freire, R. <i>et al.</i> (1998) Human and mouse homologs of <i>Schizosaccharomyces pombe</i> rad1(+) and <i>Saccharomyces cerevisiae</i> RAD17: linkage to checkpoint control and mammalian meiosis. <a href="#">Genes Dev. 12 (16): 2560-73.</a>
-------------------	--

---

<b>Storage</b>	Store at +4°C or at -20°C if preferred.  This product should be stored undiluted.  Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
----------------	--

---

<b>Shelf Life</b>	18 months from date of despatch.
-------------------	----------------------------------

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10081 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf</a>
--------------------------------------	--

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (2AB02...)	<a href="#">Biotin</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> , <a href="#">DyLight®649</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide** Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739  
Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe** Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50  
Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M309993:170914'

Printed on 09 Mar 2018