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Datasheet for ABIN914030

anti-RRAD antibody (AA 211-308) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	RRAD
Binding Specificity:	AA 211-308
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRAD antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RRAD
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RRAD
Alternative Name:	RRAD (RRAD Products)
Background:	Synonyms: RAD, Ras-related associated with diabetes, RAD1, REM3, Cell cycle checkpoint

Target Details

protein Hrad1, Cell cycle checkpoint protein Rad 1 A / B, Cell cycle checkpoint protein RAD1, Checkpoint control protein HRAD1, Checkpoint control protein RAD1, DNA repair exonuclease, DNA repair exonuclease rad1, DNA repair exonuclease rad1 homolog, DNA repair exonuclease REC1, DNA repair protein RAD1, EC 3.1.11.2, Exonuclease homolog RAD1, GTP-binding protein RAD, hRAD 1, hRAD1, MGC77779, RAD 1, RAD, RAD1 homolog S. pombe, RAD1 homolog, Rad1 like DNA damage checkpoint, Rad1 like DNA damage checkpoint protein, RAD1, S. pombe, homolog of, Ras associated with diabetes, REC 1, REC1, RRAD, RAD_HUMAN.

Background: Human Rad1 is a component of a heterotrimeric PCNA like complex that also contains the Rad9 and Hus1 proteins. This complex is believed to be involved in cellular responses to DNA damage, possibly by associating with Rad17 and several components of the PCNA-loading heteropentamer, replication factor C. Human Rad1 exhibits significant homology to Rad1 from S. pombe, and its expression in yeast rad1 mutants has been shown to partially restore radiation resistance and G2 checkpoint activity. It has also been shown to possess exonuclease activity.

Gene ID: 6236

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months