Human/Mouse/Rat/Yeast Rad23
Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4555G
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse/Rat/Yeast
Specificity	Detects human, mouse, rat, and yeast Rad23 protein in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant yeast Rad23 Accession # P32628
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Rad23 is an evolutionarily conserved protein that is important for nucleotide excision repair. All eukaryotic Rad23 proteins contain an amino-terminal UbL domain that bears a striking resemblance to ubiquitin. Rad23 has a proteolytic function in DNA repair via its interaction with the 26S proteosome through the UbL domain. The elimination of this domain causes sensitivity to ultraviolet radiation.

PRODUCT SPECIFIC NOTICES

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