

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Rad17 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 223802
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Rad17 Asn2-Arg240 Accession # NP_579922
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

Immunoprecipitation 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

The DNA damage response activates cell cycle checkpoints to allow time for DNA repair and ensure the fidelity of each cell cycle. The Rad genes were first identified in yeast as genes required for the DNA damage response. Human Rad17 bears homology to the replication factor C (RFC) proteins and interacts with the Rad9/Rad1/Hus1 complex in cells exposed to multiple types of genotoxic stress, including ionizing radiation (IR) and ultraviolet light (UV).

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