

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Rad17 when phosphorylated at S635 in Western blots.
Source	Monoclonal Rabbit IgG Clone # 1244A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Phosphopeptide containing the human Rad17 (S635) Accession # O75943
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

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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