

## **Mouse Rad17 Antibody**

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF3866

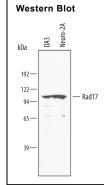
DESCRIPTION	
Species Reactivity	Mouse
Specificity	Detects mouse Rad17 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant mouse Rad17 Met1-Leu200 Accession # Q6NXW6
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## 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.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

## DATA



Detection of Mouse Rad17 by Western Blot. Western blot shows lysates of DA3 mouse myeloma cell line and Neuro-2A mouse neuroblastoma cell line. PVDF membrane was probed with 1 µg/mL of Mouse Rad17 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3866) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). A specific band was detected for Rad17 at approximately 100 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

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**Reconstitution** Reconstitute at 0.2 mg/mL in sterile PBS

**Shipping**The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

\*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## 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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