

DESCRIPTION

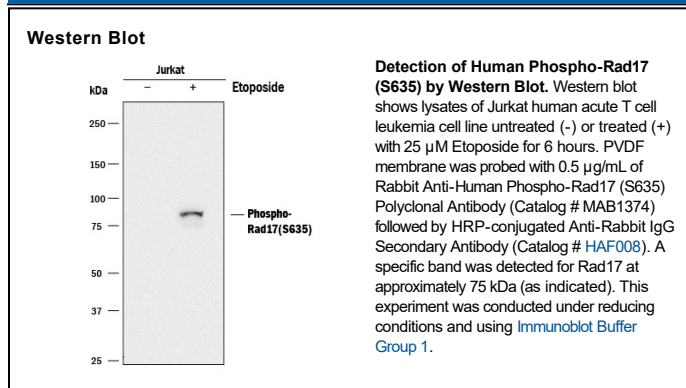
Species Reactivity	Human
Specificity	Detects human Rad17 when phosphorylated at S635 in Western blots.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1244A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Phosphopeptide containing the human Rad17 (S635) Accession # O75943
Formulation	Supplied as a solution in PBS containing BSA, Glycerol and Sodium Azide. 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	0.5 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. 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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C, as supplied. ● 1 month, 2 to 8 °C under sterile conditions after opening. ● 6 months, -20 to -70 °C under sterile conditions after opening.

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).

PRODUCT SPECIFIC NOTICES

* Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to SDS for additional information and handling instructions.