

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse PARP in Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 53015
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse PARP Val71-Pro329 Accession # NP_031441
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 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	0.6 µg/mL	See Below

DATA

<p>Western Blot</p> <p>Detection of Human PARP by Western Blot. Western blot shows lysates of Jurkat human acute T cell leukemia cell line untreated (-) or treated with anti-Fas and 1 µM staurosporine (STS) for 0 to 4 hours (h; as indicated). PVDF membrane was probed with 0.6 µg/mL of Rat Anti-Human/Mouse PARP Monoclonal Antibody (Catalog # MAB600) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). Specific bands were detected for PARP at approximately 116 kDa and the 84 kDa product of PARP cleavage (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.</p>	<p>Western Blot</p> <p>Detection of Mouse PARP by Western Blot. Western blot shows lysates of NIH-3T3 mouse embryonic fibroblast cell line treated with 1 µM staurosporine (STS) for 0 to 4 hours (h; as indicated). PVDF membrane was probed with 0.6 µg/mL of Rat Anti-Human/Mouse PARP Monoclonal Antibody (Catalog # MAB600) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). Specific bands were detected for PARP at approximately 116 kDa and the 60-70 kDa bands generated with staurosporine treatment (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.</p>
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PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 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. <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 reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.