RAD51 Polyclonal Antibody

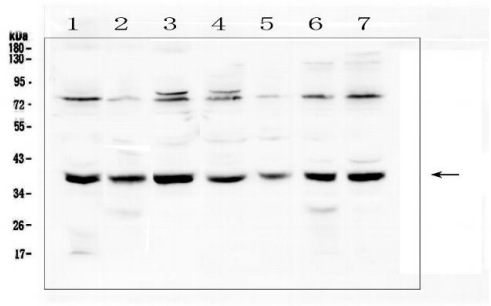
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence of human Rad51 (KKLEEAGFHTVEAVAYAPKKELINIKGISEAKADK).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807381

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

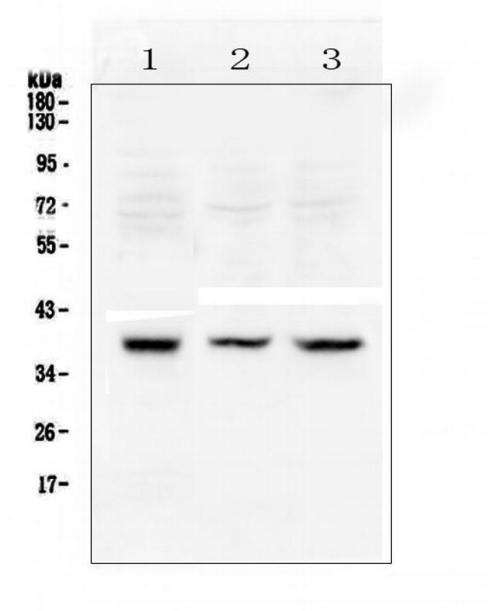
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

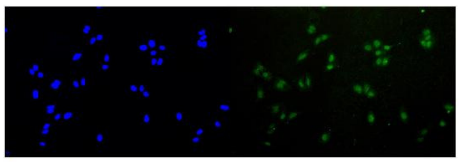
Product Images For RAD51 Polyclonal Antibody



RAD51 Antibody (PA5-95579) in WB
Western blot analysis of RAD51 in Lane 1: human HeLa whole cell lysate, Lane 2: human A431 whole cell lysate, Lane 3: human 293T whole cell lysate, Lane 4: human K562 whole cell lysate, Lane 5: human Jurkat whole cell lysate, Lane 6: human A549 whole cell lysate, Lane 7: human Caco-2 whole cell lysate. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with RAD51 polyclonal antibody (Product # PA5-95579) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1: 10,000, and developed with enhanced chemiluminescence (ECL).



RAD51 Antibody (PA5-95579) in WB
Western blot analysis of RAD51 in Lane 1: rat testis tissue lysates, Lane 2: mouse testis tissue lysates, Lane 3: mouse thymus tissue lysates. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with RAD51 polyclonal antibody (Product # PA5-95579) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1: 10,000, and developed with enhanced chemiluminescence (ECL).



RAD51 Antibody (PA5-95579) in ICC/IF
Immunocytochemistry analysis of Rad51 using anti-Rad51 antibody (Product # PA5-95579) . Rad51 was detected in a section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 2g/mL rabbit anti-Rad51 antibody (Product # PA5-95579) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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