

## Product Datasheet

# Rad51 Recombinant Rabbit Monoclonal Antibody (orb608069)

|                             |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb608069                                                              |
| <b>Category</b>             | Antibodies                                                             |
| <b>Description</b>          | Rad51 Recombinant Rabbit Monoclonal Antibody                           |
| <b>Target</b>               | RAD51                                                                  |
| <b>Clonality</b>            | Recombinant                                                            |
| <b>Species/Host</b>         | Rabbit                                                                 |
| <b>Isotype</b>              | IgG                                                                    |
| <b>Conjugation</b>          | Unconjugated                                                           |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                      |
| <b>Predicted Reactivity</b> | Mouse, Rat                                                             |
| <b>Form/Appearance</b>      | Liquid                                                                 |
| <b>Concentration</b>        | 1mg/ml                                                                 |
| <b>Buffer/Preservatives</b> | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol. |
| <b>Purification</b>         | Affinity purified by Protein A                                         |
| <b>Immunogen</b>            | A synthesized peptide derived from human RAD51 (1-84aa)                |
| <b>UniProt ID</b>           | <b>Q06609</b>                                                          |
| <b>MW</b>                   | 38 kDa                                                                 |

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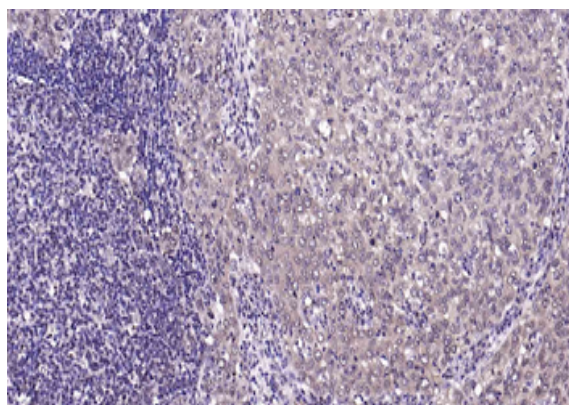
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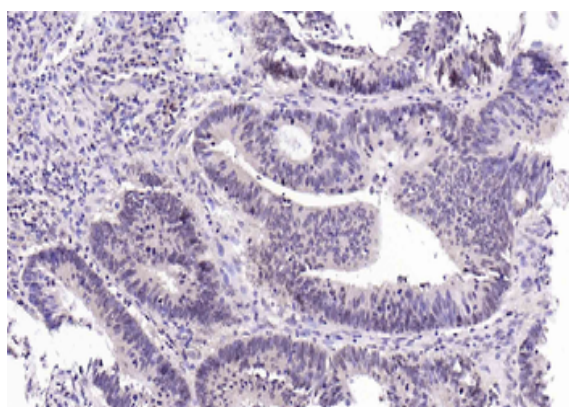
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|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tested applications</b> | FC, ICC, IF, IHC-Fr, IHC-P, WB                                                                                                          |
| <b>Dilution range</b>      | WB=1:500-2000, IHC-P=1:200-500, IHC-F=1:200-500, IF=1:200-500, Flow-Cyt=1µg/Test, ICC/IF=1:100-500                                      |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                        |
| <b>Clone Number</b>        | B33F3                                                                                                                                   |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only                                                                                                                   |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                         |



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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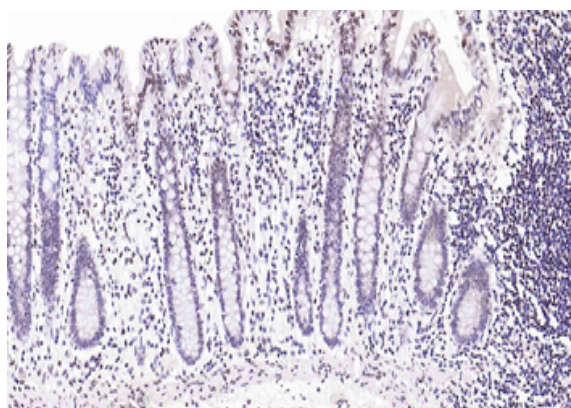
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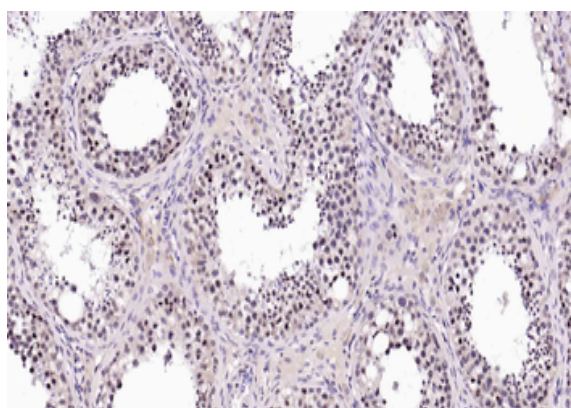
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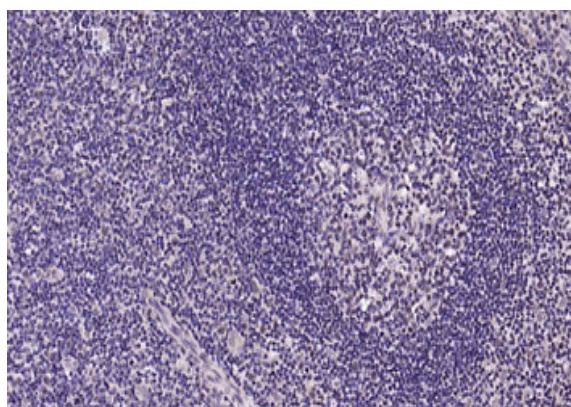
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Paraformaldehyde-fixed, paraffin embedded Human Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Testicles, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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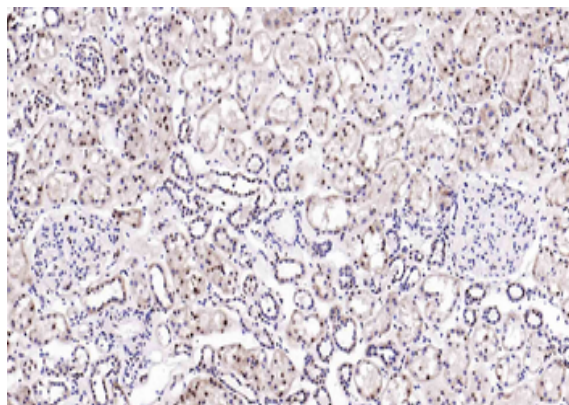
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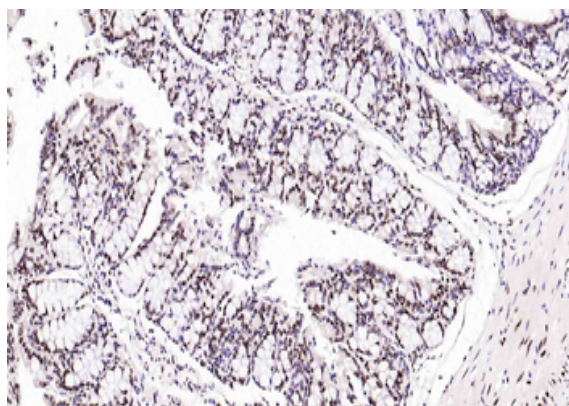
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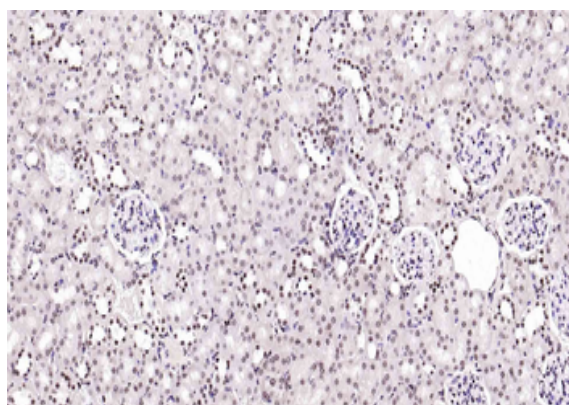
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Paraformaldehyde-fixed, paraffin embedded Humann Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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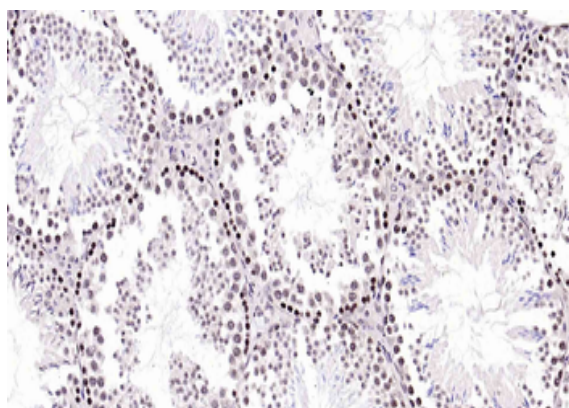
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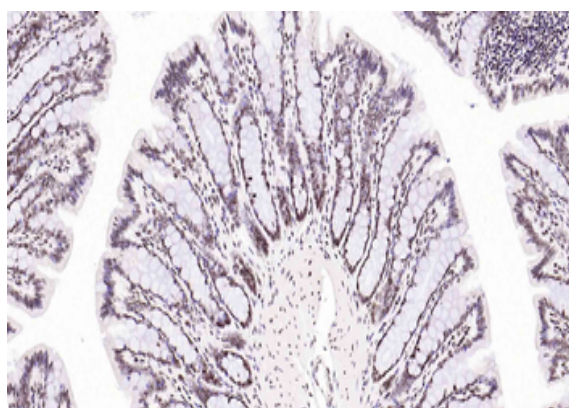
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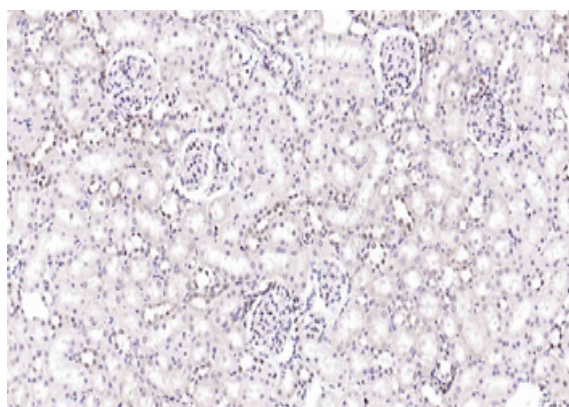
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Paraformaldehyde-fixed, paraffin embedded Mouse Testicles, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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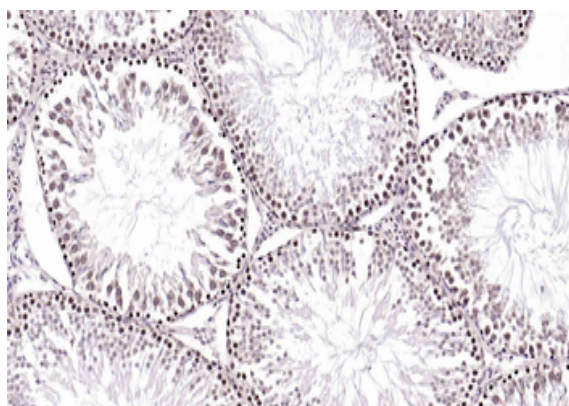
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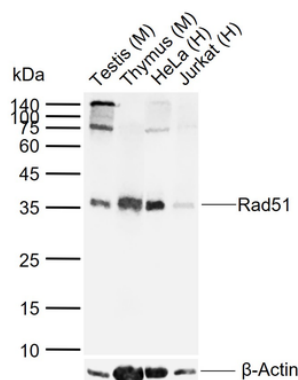
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Paraformaldehyde-fixed, paraffin embedded Rat Testicles, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with Rad51 Monoclonal Antibody, Unconjugated (orb608069) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Sample: Lane 1: Mouse Testis tissue lysates, Lane 2: Mouse Thymus tissue lysates, Lane 3: Human HeLa cell lysates, Lane 4: Human Jurkat cell lysates, Primary: Anti-Rad51 (orb608069) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 37 kDa, Observed band size: 36 kDa.

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