

## Product Datasheet

### ESR2 Rabbit Polyclonal Antibody (orb1227220)

|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | ESR2 Rabbit Polyclonal Antibody                                                                                                         |
| <b>Species/Host</b>        | Rabbit                                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                       |
| <b>Conjugation</b>         | Unconjugated                                                                                                                            |
| <b>Tested Applications</b> | ELISA, ICC, IF, IHC-Fr, IHC-P, WB                                                                                                       |
| <b>Immunogen</b>           | Recombinant human ESR2 protein (1-323/323aa)                                                                                            |
| <b>Target</b>              | ESR2                                                                                                                                    |
| <b>Preservatives</b>       | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.                                                                  |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                  |
| <b>Concentration</b>       | 1mg/ml                                                                                                                                  |
| <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>Isotype</b>             | IgG                                                                                                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                                              |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                        |
| <b>MW</b>                  | 58 kDa                                                                                                                                  |
| <b>Uniprot ID</b>          | <b>Q92731</b>                                                                                                                           |
| <b>Dilution Range</b>      | WB=1:500-2000, IHC-P=1:400-800, IHC-F=1:400-800, IF=1:100-500, ELISA=1:5000-10000, ICC/IF=1:50-1:200                                    |

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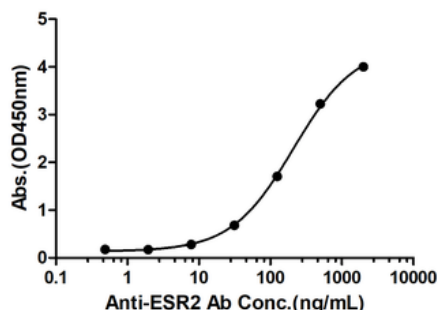
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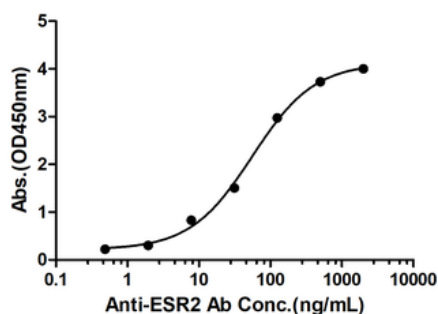
**Expiration Date** 12 months from date of receipt.

Rabbit Anti-Human ESR2 Antibody Bind with Human ESR2 protein, His Tag

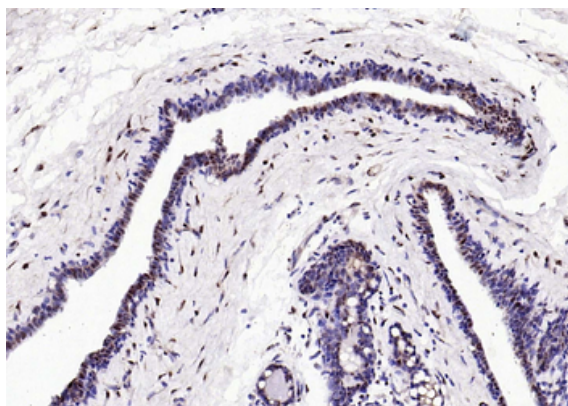


Measured by its binding ability in a indirect ELISA. Immobilized Human ESR2 protein, His Tag at 2 µg/mL (100 µl/well) can bind Rabbit Anti-Human ESR2 Antibody, the EC50 is 210.0 ng/ml.

Rabbit Anti-Human ESR2 Antibody Bind with Human ESR2 protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Human ESR2 protein, His Tag at 2 µg/mL (100 µl/well) can bind Rabbit Anti-Human ESR2 Antibody, the EC50 is 55.76 ng/ml.



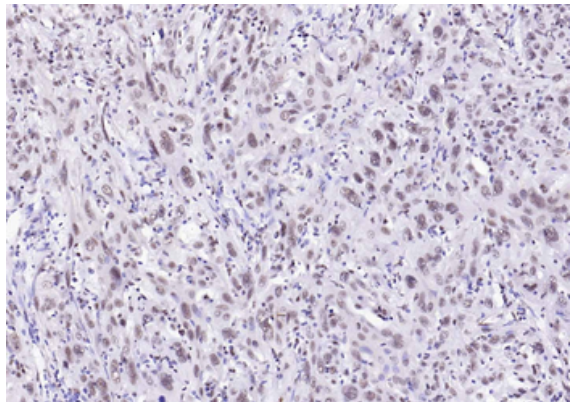
Paraformaldehyde-fixed, paraffin embedded (human breast), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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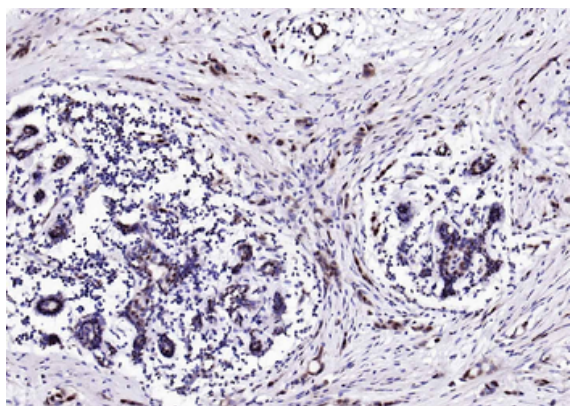
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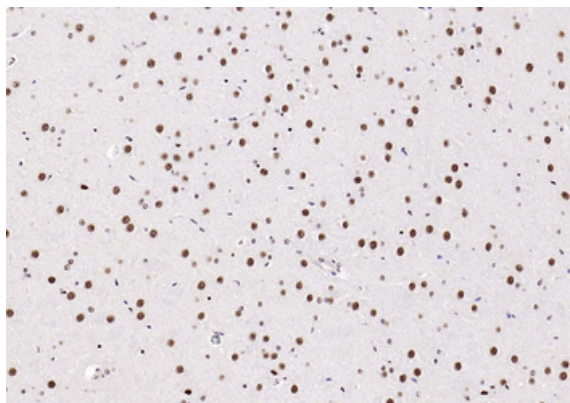
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Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



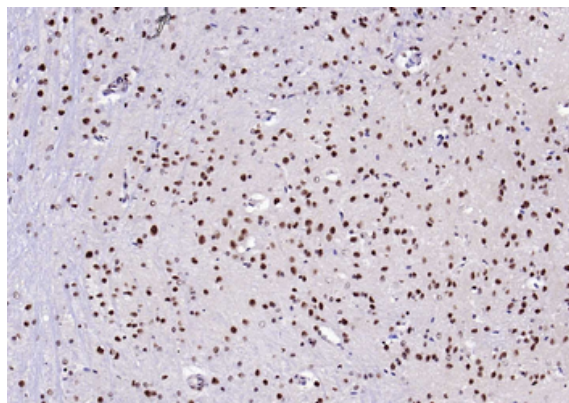
Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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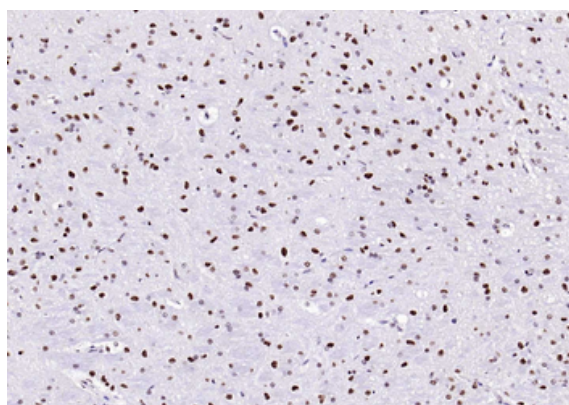
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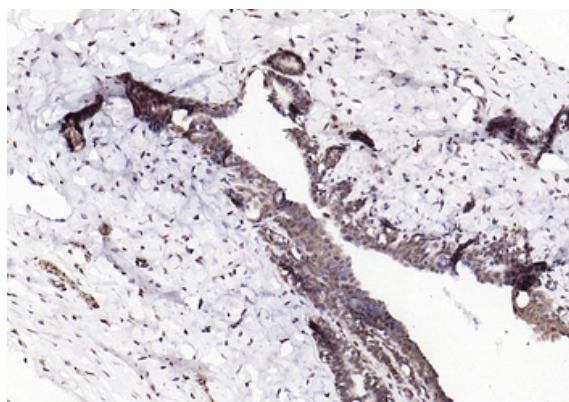
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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



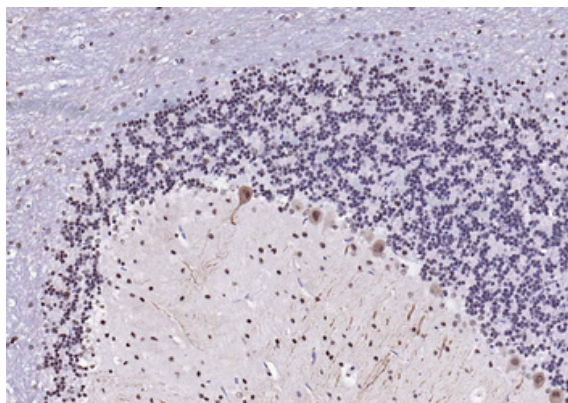
Paraformaldehyde-fixed, paraffin embedded (rat breast), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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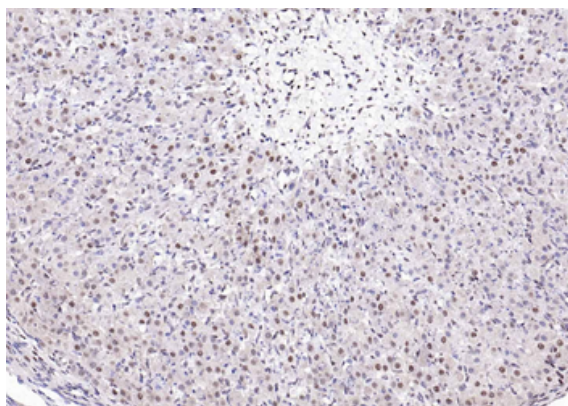
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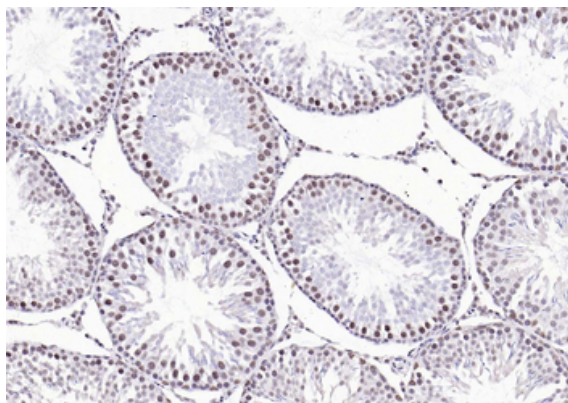
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Paraformaldehyde-fixed, paraffin embedded (rat cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat ovary), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



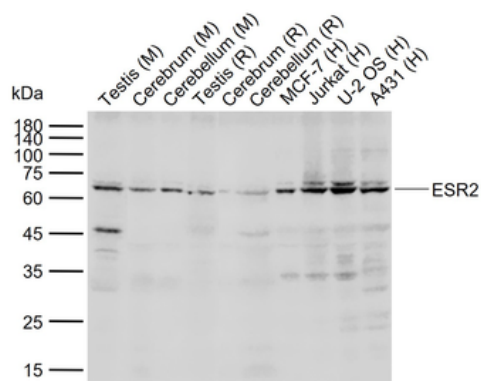
Paraformaldehyde-fixed, paraffin embedded (rat testis), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ESR2) Polyclonal Antibody, Unconjugated (orb1227220) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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Sample: Lane 1: Mouse Testis tissue lysates, Lane 2: Mouse Cerebrum tissue lysates, Lane 3: Mouse Cerebellum tissue lysates, Lane 4: Rat Testis tissue lysates, Lane 5: Rat Cerebrum tissue lysates, Lane 6: Rat Cerebellum tissue lysates, Lane 7: Human MCF-7 cell lysates, Lane 8: Human Jurkat cell lysates, Lane 9: Human U-2 OS cell lysates, Lane 10: Human A431 cell lysates, Primary: Anti-ESR2 (orb1227220) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 58 kDa, Observed band size: 63 kDa.

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