

## Product Datasheet

### IL-8/CXCL8 Rabbit Polyclonal Antibody (orb10915)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb10915   |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | IL-8/CXCL8 Rabbit Polyclonal Antibody                                  |
| <b>Target</b>               | CXCL8  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Isotype</b>              | IgG  |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human  |
| <b>Predicted Reactivity</b> | Human  |
| <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>            | KLH conjugated synthetic peptide derived from human IL-8 (31-99/99aa)  |
| <b>UniProt ID</b>           | <b>P10145</b>  |
| <b>RRID</b>                 | AB_10767714  |
| <b>MW</b>                   | 8/9 kDa  |

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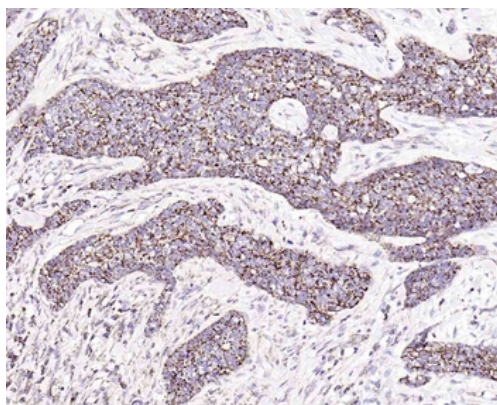
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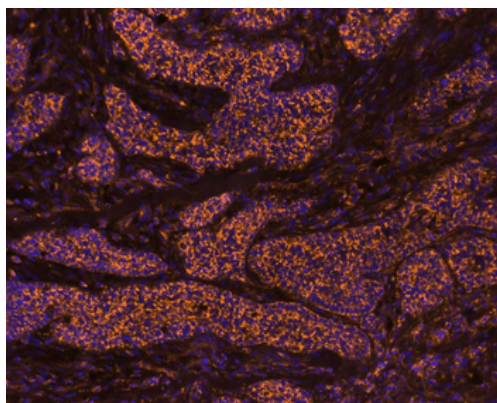
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|                            |   |
|----------------------------|---|
| <b>Tested applications</b> | IF, IHC-Fr, IHC-P, WB   |
| <b>Dilution range</b>      | WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500   |
| <b>Antibody Type</b>       | Primary Antibody  |
| <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 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, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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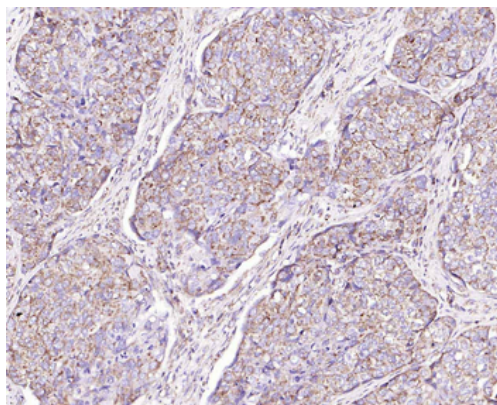
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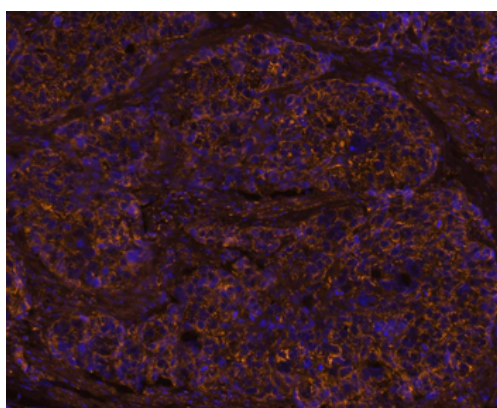
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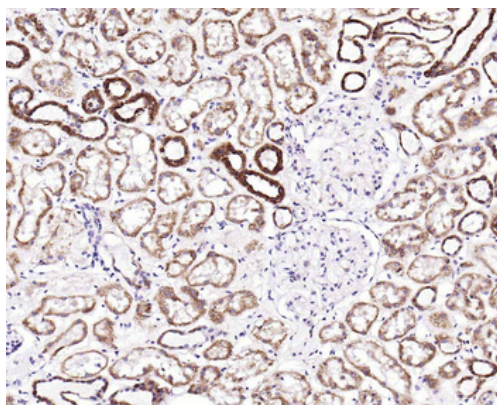
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Paraformaldehyde-fixed, paraffin embedded (Human esophageal cancer), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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Paraformaldehyde-fixed, paraffin embedded (human kidney), 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, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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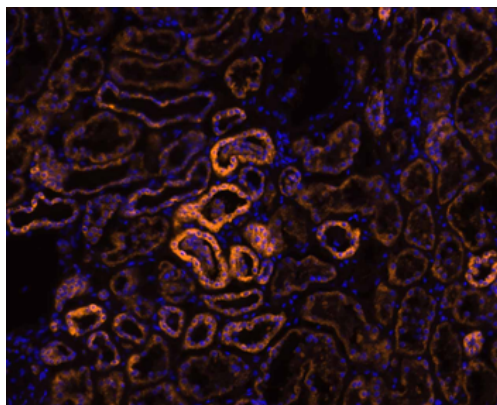
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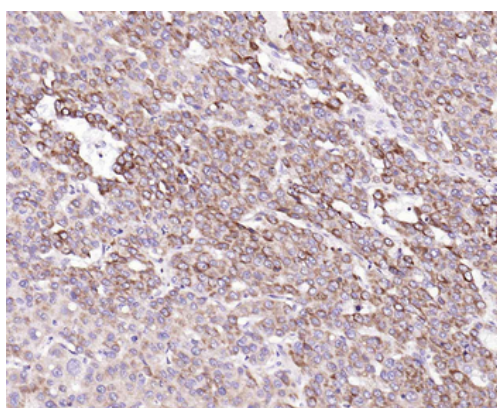
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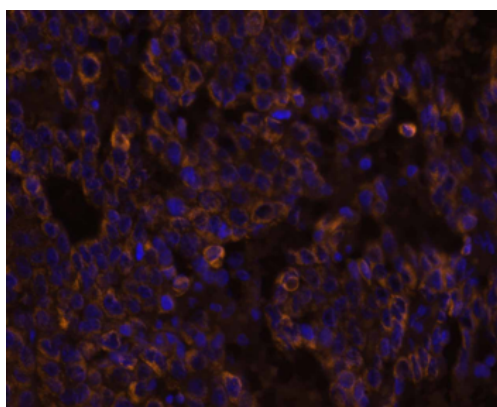
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Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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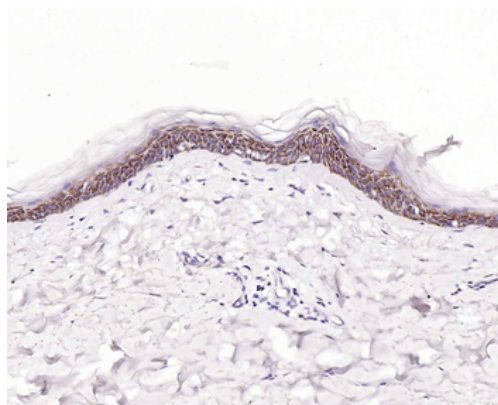
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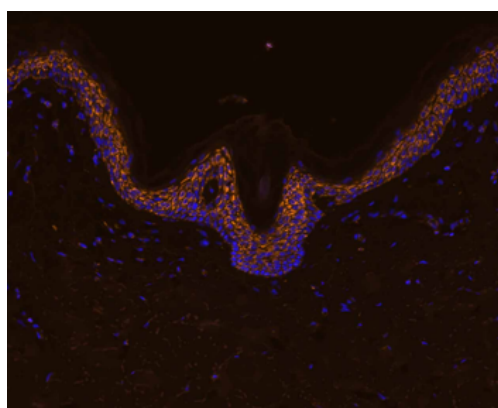
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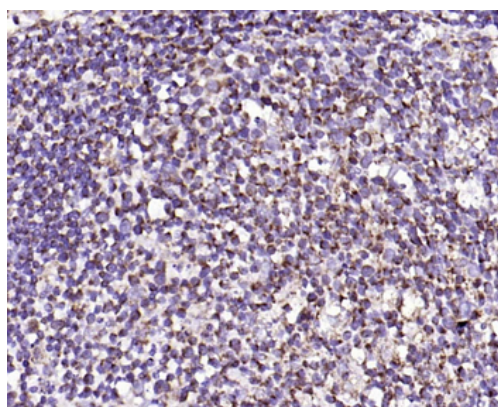
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Paraformaldehyde-fixed, paraffin embedded (human skin), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human skin), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (orb868589) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil), 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, Incubation with (IL-8) Polyclonal Antibody, Unconjugated (orb10915) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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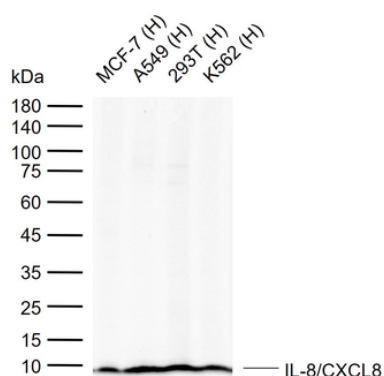
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Sample: Lane 1: Human MCF-7 cell lysates, Lane 2: Human A549 cell lysates, Lane 3: Human 293T cell lysates, Lane 4: Human K562 cell lysates, Primary: Anti-IL-8/CXCL8 (orb10915) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 8/9 kDa, Observed band size: 10 kDa.

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