

## Product Datasheet

### PAX8 Rabbit Polyclonal Antibody (orb11241)

|                             |                                                                         |
|-----------------------------|-------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb11241                                                                |
| <b>Category</b>             | Antibodies                                                              |
| <b>Description</b>          | PAX8 Rabbit Polyclonal Antibody                                         |
| <b>Target</b>               | PAX8                                                                    |
| <b>Clonality</b>            | Polyclonal                                                              |
| <b>Species/Host</b>         | Rabbit                                                                  |
| <b>Isotype</b>              | IgG                                                                     |
| <b>Conjugation</b>          | Unconjugated                                                            |
| <b>Reactivity</b>           | Human, Rat                                                              |
| <b>Predicted Reactivity</b> | Bovine, Canine, Goat, Mouse, Sheep                                      |
| <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 PAX8 (21-130/457aa) |
| <b>UniProt ID</b>           | <b>Q06710</b>                                                           |
| <b>RRID</b>                 | AB_10750655                                                             |
| <b>MW</b>                   | 48 kDa                                                                  |
| <b>Tested applications</b>  | FC, ICC, IF, IHC-Fr, IHC-P                                              |

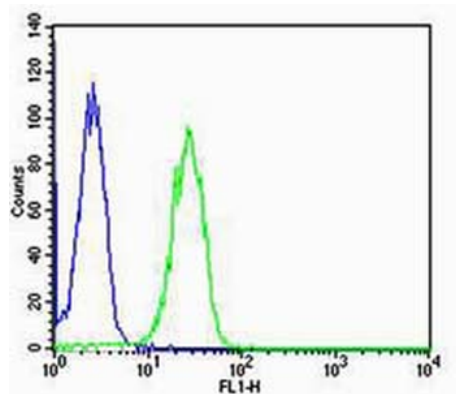
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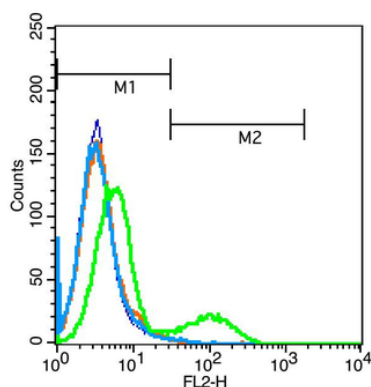
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|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dilution range</b> | IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test                                                     |
| <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                                                                                                                   |



Cell: HT-29, Concentration: 1:100, Host/Isotype: Rabbit/IgG (blue line), Flow cytometric analysis of Rabbit IgG isotype control on HT-29 (blue) compared with primary antibody (green) followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (H+L) secondary antibody.



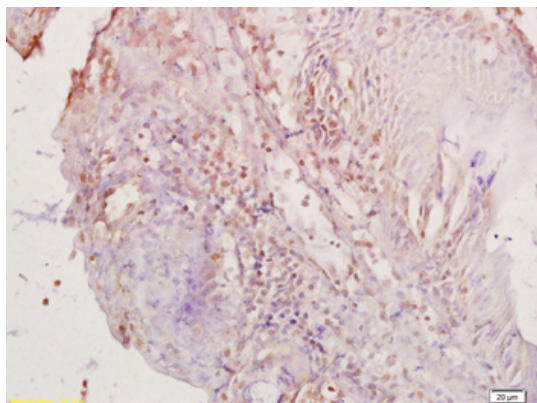
Primary Antibody: Rabbit Anti-TLR4 antibody (green line), Isotype Control Antibody: Rabbit IgG (orange line), Secondary Antibody: F(ab')<sub>2</sub> fragment goat anti-rabbit IgG-PE (white/blue line), Positive control: Jurkat cells (blue line), Protocol, 1. Jurkat cells were washed twice with phosphate-buffered saline (PBS). 2. An equivalent amount of pre-warmed 4% paraformaldehyde was added and the cells were incubated for 10 min at 37 °C.

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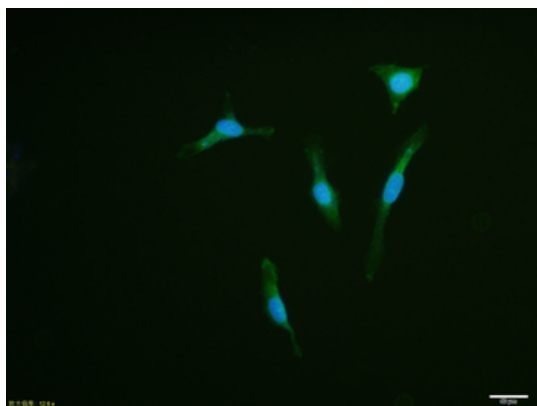
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Tissue/Cell: rat colon tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-PAX8 Polyclonal Antibody, Unconjugated (orb11241) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



U87MG cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PAX8) polyclonal Antibody, Unconjugated (orb11241) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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