

## Product Datasheet

# MUM1/IRF4 Rabbit Polyclonal Antibody (orb215976)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb215976                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>          | MUM1/IRF4 Rabbit Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target</b>               | Interferon regulatory factor 4                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species/Host</b>         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>              | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form/Appearance</b>      | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>        | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer/Preservatives</b> | Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , and 0.05 mg Na <sub>3</sub> N. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| <b>Reconstitution</b>       | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification</b>         | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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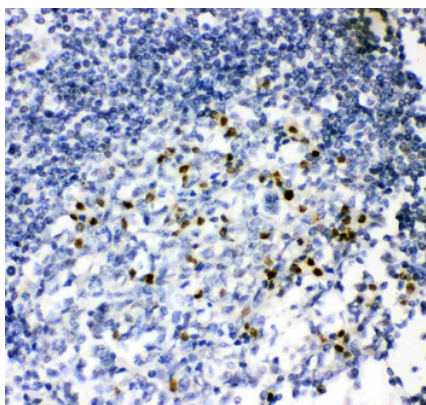
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|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>           | E.coli-derived human MUM1 recombinant protein (Position: E272-E451). Human MUM1 shares 92% amino acid (aa) sequence identity with mouse MUM1. |
| <b>UniProt ID</b>          | <b>Q15306</b>                                                                                                                                 |
| <b>MW</b>                  | 40 kDa                                                                                                                                        |
| <b>Tested applications</b> | IHC, WB                                                                                                                                       |
| <b>Dilution range</b>      | Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human Western blot, 0.1-0.5µg/ml, Human                                         |
| <b>Specificity</b>         | No cross reactivity with other proteins.                                                                                                      |
| <b>Cross Reactivity</b>    | No cross-reactivity with other proteins                                                                                                       |
| <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.                                                                                                               |



Anti-MUM1 antibody, IHC(P): Human Tonsil Tissue.

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Anti-MUM1 antibody, Western blotting. All lanes: Anti MUM1 at 0.5 ug/ml. Lane 1: HELA Whole Cell Lysate at 40 ug. Lane 2: JURKAT Whole Cell Lysate at 40 ug. Predicted bind size: 51 KD. Observed bind size: 40 KD.



Anti-MUM1 antibody, Western blotting. All lanes: Anti MUM1 at 0.5 ug/ml. WB: Recombinant Human MUM1 Protein 0.5 ng. Predicted bind size: 38 KD. Observed bind size: 38 KD.

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