

# Anti-Dog IgM mu chain (Peroxidase Conjugated) Secondary Antibody

Rabbit Polyclonal, Peroxidase (Horseradish)

Catalog # ASR2911

## Product Information

|                              |  |
|------------------------------|--|
| <b>Description</b>           | Anti-DOG IgM mu chain (RABBIT) Antibody Peroxidase Conjugated          |
| <b>Host</b>                  | Rabbit   |
| <b>Conjugate</b>             | Peroxidase (Horseradish)   |
| <b>Target Species</b>        | Dog  |
| <b>Clonality</b>             | Polyclonal   |
| <b>Physical State</b>        | Lyophilized  |
| <b>Host Isotype</b>          | IgG  |
| <b>Target Isotype</b>        | IgM $\mu$ chain  |
| <b>Buffer</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2             |
| <b>Immunogen</b>             | Dog IgM mu heavy chain   |
| <b>Reconstitution Volume</b> | 2.0 mL   |
| <b>Reconstitution Buffer</b> | Restore with deionized water (or equivalent)                           |
| <b>Stabilizer</b>            | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| <b>Preservative</b>          | 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!               |

## Additional Information

|                           |  |
|---------------------------|--|
| <b>Shipping Condition</b> | Ambient  |
| <b>Application Note</b>   | Dog IgM mu chain Antibody Peroxidase Conjugated has been assayed against 1.0 ug of Dog IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 ug of Dog IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. |
| <b>Purity</b>             | Dog IgM mu chain Antibody Peroxidase Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Dog IgM and Dog Serum. No reaction was observed against Dog IgG.   |
| <b>Storage Condition</b>  | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room  |

temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.