



## HUMAN IgM (myeloma) Fc5 $\mu$ fragment Peroxidase conjugated - 009-0331

**Code:** 009-0331

**Size:** 1 mg

**Product Description:** HUMAN IgM (myeloma) Fc5 $\mu$  fragment Peroxidase conjugated - 009-0331

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Peroxidase (Horseradish)
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	1.0 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!
<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.
<b>Synonyms</b>	Human IgM Fc5 $\mu$ peroxidase conjugation, Human myeloma IgM Fc5 $\mu$ HRP conjugation
<b>Application Note</b>	Human IgM (myeloma) Fc5 $\mu$ fragment Peroxidase conjugation is designed for immunofluorescence ELISA and western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
<b>Background</b>	Human IgM (myeloma) Fc5 $\mu$ fragment Peroxidase conjugate consists of only the $\mu$ (mu) chain of the Fc fragment. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. IgM is formed from covalently linking 5 immunoglobulins together. Due to this large size, IgM is typically isolated to the serum.
<b>Purity And Specificity</b>	This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by enzyme digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Human IgM, anti-Human IgM Fc5 $\mu$ and anti-Human Serum. No reaction was observed against anti-Human IgG F(ab') <sub>2</sub> .
<b>Assay Dilutions</b>	User Optimized
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.

### Related Products

010-0102	MOUSE IgG whole molecule - 010-0102
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

### Disclaimer

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