

## Anti-IgM Neutralizing Antibody (V3S-0822-YC736)

Cat. No.: V3S-0822-YC736

### Summary

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<b>Description</b>	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing IgM. It can be used for IgM detection in Enzyme-Linked Immunosorbent Assay (ELISA), Flow Cytometry (FC), Immunohistochemistry-Frozen (IHC-Fr), Immunoprecipitation (IP), Blocking (Block). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
<b>Clonality</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Target Species</b>	Human
<b>Immunogen</b>	BALB/c mice were immunized with human IgM.
<b>Isotype</b>	IgG1 kappa
<b>Isotype Control</b>	C60052
<b>Secondary Antibody</b>	C47504; C37557; C41360; C32672; C10001; C52760; C17603; C65740

### Property

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<b>Conjugation</b>	Unconjugated
<b>Purity</b>	>95%, determined by SDS-PAGE
<b>Purification</b>	Protein A purified
<b>Storage</b>	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

### Applications

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<b>Application</b>	ELISA; FC; IHC-Fr; IP; Block
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For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

## Target

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<b>Target</b>	IgM
<b>Alternative Name</b>	IgM; IgM; IgM; Immunoglobulin M
<b>Introduction</b>	Immunoglobulin M, or IgM for short, is a basic antibody that is produced by B cells. IgM is by far the physically largest antibody in the human circulatory system. It is the first antibody to appear in response to initial exposure to an antigen. The spleen, where plasmablasts responsible for antibody production reside, is the major site of specific IgM production.
<b>Research Area</b>	Immunology



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