

# Antibodies

## Goat Anti-Mouse IgM (Heavy Chain) Antibody, Polyclonal, FITC

Goat polyclonal antibody against mouse IgM (heavy chain), FITC-conjugated

Catalog #60139FI

1 mg



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## Product Description

Fluorescein isothiocyanate (FITC)-conjugated goat anti-mouse IgM,  $\mu$  chain specific was isolated from antisera and reacts with the heavy chain region of mouse IgM but not with IgG or the light chains of mouse immunoglobulins. This antibody has minimal cross-reactivity to normal mouse IgG, human, cow, and horse serum proteins, but may cross-react with IgM from other species. No antibody was detected against non-immunoglobulin serum proteins.

Target Antigen Name:	IgM (Heavy Chain), $\mu$ chain specific
Alternative Names:	Not applicable
Gene ID:	Not applicable
Species Reactivity:	Mouse. Minimal cross-reactivity to human, cow, and horse serum proteins
Host Species:	Goat
Clonality:	Polyclonal
Clone:	Not applicable
Isotype:	Not applicable
Immunogen:	Not applicable
Conjugate:	FITC (Fluorescein isothiocyanate)

## Applications

Verified:	ICC
Reported:	FC, ICC, IF, IHC

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FACS: Fluorescence-activated cell sorting; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

## Properties

Formulation:	Lyophilized from a solution containing sodium phosphate, sodium chloride, bovine serum albumin, and sodium azide
Purification:	The antibody was purified by antigen affinity chromatography.
Stability and Storage:	Product stable at 2 - 8°C when stored undiluted. For product expiry date, please contact <a href="mailto:techsupport@stemcell.com">techsupport@stemcell.com</a> .
Directions for Use:	Centrifuge vial before opening. Resuspend the product in 0.75 mL deionized water; this is the stock dilution. Centrifuge if solution is not clear. Prepare working dilution fresh each day. NOTE: Once resuspended, store stock dilution at 2 - 8°C and use within 6 weeks, or aliquot and store at -80°C. Alternatively, add glycerol at 1:1 after resuspension and store as a liquid at -20°C. Avoid repeated freeze-thaw cycles. For immunocytochemistry the suggested concentration of this antibody is a 1:100 dilution. It is recommended that the antibody be titrated for optimal performance for each application.

## Related Products

For a complete list of antibodies, including other conjugates, sizes and clones, as well as related products available from STEMCELL Technologies, please visit our website at [www.stemcell.com/antibodies](http://www.stemcell.com/antibodies) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

## References

1. O'Brien CA et al. (2015) Viral RNA intermediates as targets for detection and discovery of novel and emerging mosquito-borne viruses. *PLoS Negl Trop Dis* 9(3): e0003629. (ICC, IF)
2. Sánchez-Cordón PJ et al. (2015) Comparative analysis of cellular immune responses and cytokine levels in sheep experimentally infected with bluetongue virus serotype 1 and 8. *Vet Microbiol* 177(1-2): 95–105. (FC)
3. Bonnamain V et al. (2013) Human dental pulp stem cells cultured in serum-free supplemented medium. *Front Physiol* 4(357): 1–9. (FC)
4. Durand CA et al. (2013) Selective pharmacological inhibition of phosphoinositide 3-kinase p110delta opposes the progression of autoimmune diabetes in non-obese diabetic (NOD) mice. *Autoimmunity* 46(1): 62–73. (FC)
5. Jou S-T et al. (2002) Essential, nonredundant role for the phosphoinositide 3-kinase p110delta in signaling by the B-cell receptor complex. *Mol Cell Biol* 22(24): 8580–91. (FA)

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