

Datasheet for ABIN1045087
Mouse IgM Isotype Control

2 Images



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IgM
Host:	Mouse
Clonality:	Polyclonal
Application:	Isotype Control (IsoC)

Product Details

Isotype:	IgM
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgM
Abstract:	IgM Products
Target Type:	Antibody
Background:	Mouse IgM, or mouse Immunoglobulin M, purified protein is a basic antibody that is produced by B cells. Mouse IgM is the primary antibody against A and B antigens on red blood cells. Mouse IgM is by far the physically largest antibody in the human circulatory system. Mouse IgM is the first antibody to appear in response to initial exposure to antigen.

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
--------------------	--

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.08 mg/mL

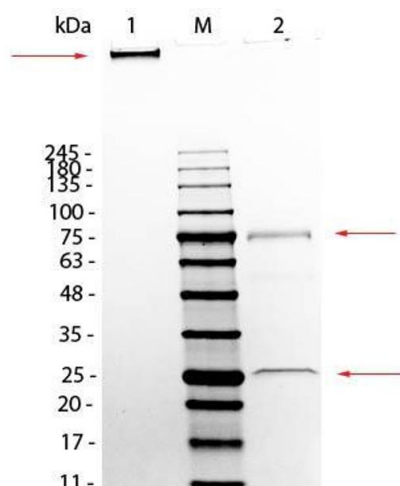
Buffer: 0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

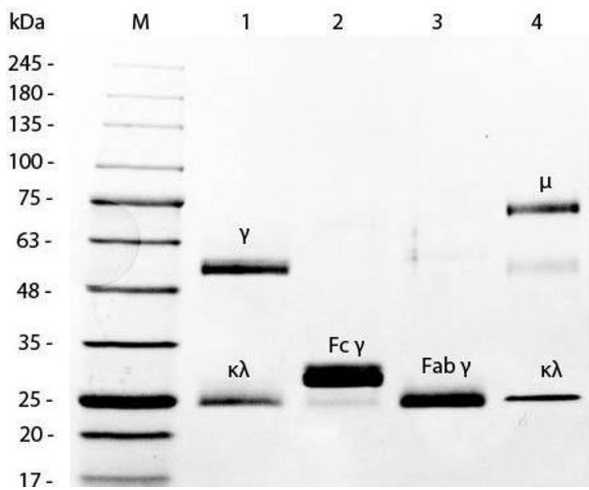
Storage: 4 °C

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse IgM Whole Molecule. Lane 1: Mouse IgM, Non-Reduced. Lane 2: Mouse IgM, Reduced. Load: 1.0 µg per lane. Predicted/Observed size - Non-Reduced: 900 kDa (Pentamer), 900 kDa (Molecule larger than can pass through gel), Reduced: 78 and 25 kDa, 75 and 25 kDa.



SDS-PAGE

Image 2. SDS-PAGE of Mouse IgM Whole Molecule . Lane 1: 5 μ L Opal Prestained Marker . Lane 2: Reduced Mouse IgG Whole Molecule . Lane 3: Reduced Mouse F(c) Fragment . Lane 4: Reduced Mouse F(ab) Fragment . Lane 5: Mouse IgM Whole Molecule . Load: 1 μ g per lane. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab') at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.