

Datasheet for ABIN6699084

Goat anti-Mouse IgM Antibody (DyLight 488)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µg
Target:	IgM
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 488
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	Mouse IgM (mu chain) Antibody DyLight™ 488 Conjugated
Immunogen:	Mouse IgM whole molecule
Isotype:	IgG
Characteristics:	Goat Anti-Mouse IgM (mu chain) Antibody DyLight 488™ Conjugated, Goat Anti Mouse IgM mu chain DyLight 488™ Conjugated Antibody, Anti-Mouse IgM DyLight antibody specifically detects mouse IgM.
Labeling Ratio:	4.0

Target Details

Target:	IgM
Abstract:	IgM Products

Target Details

Target Type: Antibody

Background: 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. Formed from covalently linking 5 immunoglobulins together, the approximate molecular weight of IgM is 900 kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. Anti-Mouse IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Application Details

Application Notes: FLISA_Dilution: >1:20,000
IF_Microscopy_Dilution: >1:5,000
Western_Blots_Dilution: >1:10,000
Other: User Optimized

Comment: The emission spectra for this DyLight™ conjugate match the principle output wavelengths of most common fluorescence instrumentation. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Suggested Applications: IHC, Multiplex, Other

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 100 µL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free, 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Store conjugated secondary antibody 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. Conjugated Secondary Antibody is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Publications

Product cited in: Nadanaka, Kagiya, Kitagawa: "Roles of EXTL2, a member of the EXT family of tumour suppressors, in liver injury and regeneration processes." in: **The Biochemical journal**, Vol. 454, Issue 1, pp. 133-45, (2013) ([PubMed](#)).