

DESCRIPTION

Species Reactivity	Mouse
Specificity	Reacts with the delta chain of Mouse IgD of all haplotypes and does not cross-react with other immunoglobulin isotypes.
Source	Monoclonal Rat IgG Clone # 11-26C
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse IgD
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide.

*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Flow Cytometry	Titration recommended for optimal concentration with starting range of 0.1-1 µg/1 million cells. Sample used for this experiment was Mouse Splenocytes.
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PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -70 °C as supplied. • 3 months, -70 °C under sterile conditions after opening.

BACKGROUND

Immunoglobulin D (IgD) is an antibody isotype typically expressed in the plasma membranes of naïve B cells, usually co-expressed with IgM. IgD is also found secreted in small amounts in serum. Secreted IgD is produced as a monomeric antibody with two heavy chains of the delta class, and two Ig light chains.

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