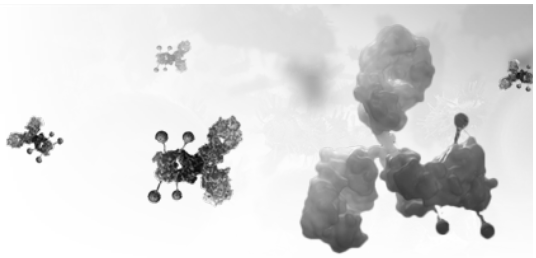

Anti-Mouse IgG2b polyclonal antibody [DyLight® 488] (DPAB22381)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-IgG2b Polyclonal Antibody
Target	IgG2b
Immunogen	Mouse IgG2b heavy chain
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single p
Conjugate	Dylight 488
Applications	IF, WB
Format	Lyophilized
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Size	100 µg
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative	None
Storage	Store vial at 4°C prior to restoration. For extended storage aliquot contents and freeze at -20°C

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	or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for sev
Ship	Ambient

BACKGROUND

Introduction	Immunoglobulin class switching (or isotype switching or isotypic commutation or class switch recombination(CSR)) is a biological mechanism that changes a B cell"s production of antibody from one class to another, for example, from an isotype called IgM to an isotype called IgG. During this process, the constant region portion of the antibody heavy chain is changed, but the variable region of the heavy chain stays the same (the terms "constant" and "variable" refer to changes or lack thereof between antibodies that target different epitopes). Since the variable region does not change, class switching does not affect antigen specificity. Instead, the antibody retains affinity for the same antigens, but can interact with different effector molecules.
Keywords	Immunoglobulin G2b; Mouse Anti-IgG2b Monoclonal Antibody; Anti-IgG2b Monoclonal Antibody; IgG2b Monoclonal Antibody Mouse Anti-IgG2b MAb; Anti-IgG2b MAb; IgG2b MAb; Mouse Anti-IgG2b Antibody; Anti-IgG2b Antibody; IgG2b Antibody

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