

Rabbit IgD Polyclonal Antibody | anti-IgD antibody

IgD/FITC, Rpab

CATALOG # AAA59326	HOST Rabbit	APPLICATIONS Immunohistochemistry
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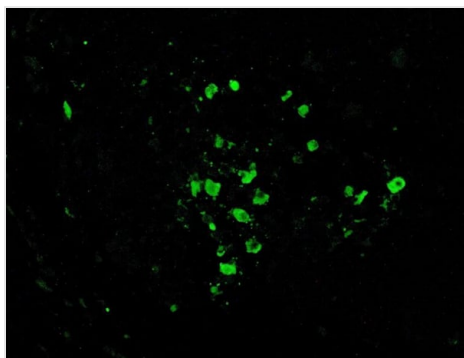
PRODUCT SYNONYMS

IgD; Polyclonal Antibody; IgD/FITC; Rpab; anti-IgD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Concentrate or Prediluted
Sequence Length	432
Applicable Applications for anti-IgD antibody	IHC (Immunohistochemistry)
Immunogen	IgD isolated from a pool of normal human plasma.
Localization	Cytoplasmic, Membranous
Control	Tonsil, Lymph Node
Preparation and Storage	Store at 2-8 degree C in the dark.

IMAGES


IF (Immunofluorescence)

IF of IgD on a FFPE Tonsil Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-IgD antibody	IgD makes up about 1% of proteins in the plasma membranes of immature Blymphocytes (coexpressed with IgM) and is also found in serum in very small amounts. It is monomeric and incorporates the alpha-heavy chain in its structure. IgD's function is currently unknown, as mice lacking IgD seem to retain normal immune responses (implying redundancy if not lack of function), and IgD ceases to be expressed in activated B-lymphocytes. It may function as a regulatory antigen receptor. IgD is the major antigen receptor isotype co-expressed with IgM on the surface of most peripheral B cells in mice and humans. The IgD antibody reacts with surface immunoglobulin IgD delta chains. This antibody is useful when identifying Leukemias, Plasmacytomas, and B-cell lineage derived from Lymphomas, specifically Marginal Zone Lymphoma. Renal involvement in systemic lupus erythematosus (SLE) is associated with production of antibodies to double stranded DNA, deposition of immune complexes and organ damage. Lupus nephritis patients were characterized by increased percentage of immature/early-transitional Bcells (CD27-IgD+CD21-), higher frequency of activated switched memory (SM, CD27+IgD-CD21-) and exhausted memory B-cells (CD27-IgD-), and decrease in nonswitched memory (NSM, CD27+IgD+) B-cells.
Product Categories/Family for anti-IgD antibody	Direct Immunofluorescence Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	428272563
NCBI Official Full Name	IgD immunoglobulin heavy chain constant region, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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