

AP10432PU-N**Polyclonal Antibody to Human IgD - Purified****Alternate names:**

Human Immunoglobulin D

Quantity:

1 ml

Background:

Little is known about the normal function of IgD, and few clinical signs or symptoms are associated with its absence. Individuals with low or absent levels of IgD do not appear unusually predisposed to infections. In mice, IgD may substitute for some functions of IgM when IgM is absent. IgD is expressed on peripheral B cells and is used as a pan B cell marker.

Host:

Rabbit

Immunogen:

Purified IgD

Format:**State:** Liquid purified ig fraction with 0.2% BSA and 15mM Sodium Azide.**Applications:****Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections:** 1/50-1/200
Pretreatment of deperaffinized tissue with heat-induced epitope retrieval is recommended.

Use Polymer anti Mouse/Rabbit immunoglobulin as a detection system.

Positive Control: Lymph node.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Anti-IgD antibody reacts with surface immunoglobulin IgD delta chains. This antibody is useful when identifying leukemias, plasmacytomas, and B-cell lineage derived lymphomas (in particular Marginal Zone Lymphoma). Cytoplasmic staining is easily identified on paraffin tissue. Surface immunoglobulin is difficult to demonstrate on paraffin sections but can be demonstrated on frozen sections.

Cellular Localization: Cytoplasmic.

Species: Human.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C.

Shelf life: one year from despatch.

Pictures:

Formalin-Fixed, Paraffin-Embedded Human lymph node stained with IgD antibody Cat.-No. AP10432PU-N using peroxidase conjugate and DAB chromogen. Note cytoplasmic staining of plasma cells.

