

For Research Use Only

HRP-conjugated IgD Monoclonal antibody



Catalog Number:HRP-67538

Basic Information

Catalog Number: HRP-67538	GenBank Accession Number: BC021276	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3495	CloneNo.: 1D1B12
Source: Mouse	Full Name: immunoglobulin heavy constant delta	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Calculated MW: 573 aa, 63 kDa	
Immunogen Catalog Number: AG9614	Observed MW: 55-70 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : human plasma,
Species Specificity: Human	

Background Information

IgD is the major antigen receptor isotype on the surface of most peripheral B-cells. The function of IgD is to signal the B cells to be activated. The relative molecular mass and half-life of secreted IgD is 185 kDa and 2.8 days, respectively. Secreted IgD is produced as a monomeric antibody with two heavy chains of the delta (δ) class, and two Ig light chains. This antibody detects the heavy chain (55-70 kDa) of IgD and secreted IgD (185 kDa) .

Storage

Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

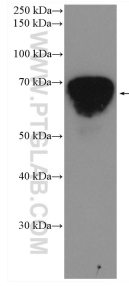
For technical support and original validation data for this product please contact:

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Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with HRP-67538 (human IgD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.