

For Research Use Only

# human IgD Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67538-2-PBS



## Basic Information

Catalog Number:	67538-2-PBS	GenBank Accession Number:	BC021276	Purification Method:	Protein G purification
Size:	1 mg/ml	GeneID (NCBI):	3495	CloneNo.:	2D2E1
Source:	Mouse	Full Name:	immunoglobulin heavy constant delta		
Isotype:	IgG1	Calculated MW:	573 aa, 63 kDa		
Immunogen Catalog Number:	AG9614				

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**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 (  $\delta$  ) 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

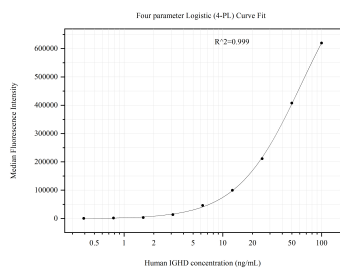
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W: [ptgcn.com](http://ptgcn.com)

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# Selected Validation Data



Cytometric bead array standard curve of MP51064-1, IGHG/IgD Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67538-2-PBS. Detection antibody: 67538-3-PBS. Standard:Ag9614. Range: 0.391-100 ng/mL