

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

Product Information

67538-2-PBS targets human IgD as part of a matched antibody pair.

MP51064-1: 67538-2-PBS capture and 67538-3-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

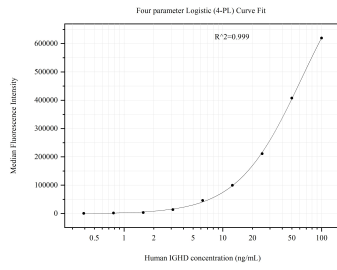
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP51064-1, IGHD/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