

For Research Use Only



Anti-Human HLA-DR (L243) Rabbit Recombinant Antibody, PBS Only

Catalog Number: 65503-1-PBS

Basic Information

Catalog Number: 65503-1-PBS	GenBank Accession Number: BC032350	Purification Method: Affinity purification
Size: 1mg, 1 mg/ml	GeneID (NCBI): 3122	CloneNo.: L243
Source: Rabbit	ENSEMBL Gene ID: ENSG00000204287	
Isotype: IgG	Full Name: major histocompatibility complex, class II, DR alpha	
	Calculated MW: 254 aa, 29 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

HLA-DR is a member of MHC class II molecules encoded by the human leukocyte antigen complex on the region 6p21.31 of chromosome 6. HLA-DR is composed of two non-covalently associated transmembrane glycoproteins (the α and β chains), and is primarily expressed on B lymphocytes, monocytes, dendritic cells and thymic epithelial cells (PMID: 33125816). HLA-DR participate in the antigen presentation to CD4+ or CD8+ T cells and is postulated as a general biomarker of sepsis-induced immunosuppression (PMID: 28199206, 32421903). The Anti-Human HLA-DR antibody, clone L243, is derived from Human lymphoblastoid B-cell line RPMI 8866.

Storage

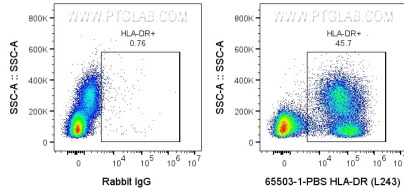
Storage:
Store at -80°C. Stable for one year after shipment.

Storage Buffer:
PBS only

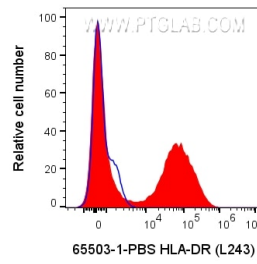
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.1 ug Anti-Human HLA-DR Rabbit Recombinant Antibody (65503-1-PBS, Clone: L243) or Rabbit IgG control PolyAb and CoraLite®647-conjugated AffiniPure F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed. Lymphocytes and monocytes were gated.



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