FITC Plus Anti-Human HLA-DR (L243) Mouse IgG2a Recombinant Antibody

Catalog Number:FITC-65560

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number: FITC-65560	**GenBank Accession Number:** BC032350	**Purification Method:** Protein A purification
Size: 100tests, 5 ul/test	**GeneID (NCBI):** 3122	**CloneNo.:** L243
Source: Mouse	**ENSEMBL Gene ID:** ENSG00000204287	**Excitation/Emission maxima wavelengths:** 495 nm / 524 nm
Isotype: IgG2a	**UNIPROT ID:** P01903	
	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 moleculesencoded 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).
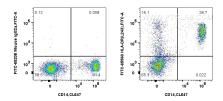
Storage

Storage:
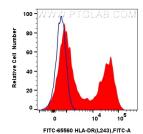Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

Selected Validation Data

1x10^6 human PBMCs were surface stained with CoraLite® Plus 647 Anti-Human CD14 and 5 ul FITC Plus Anti-Human HLA-DR (L243) Mouse IgG2a Recombinant Antibody (FITC-65560, Clone: L243), or FITC Plus Mouse IgG2a Isotype Control (C1.18.4) (FITC-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

1x10^6 human PBMCs were surface stained with 5 ul FITC Plus Anti-Human HLA-DR (L243) Mouse IgG2a Recombinant Antibody (FITC-65560, Clone: L243) (red), or FITC Plus Mouse IgG2a Isotype Control (C1.18.4) (FITC-65208, Clone: C1.18.4) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.