PA007464.h1Fs: Recombinant Anti-human HLA-DR Monoclonal Antibody (Clone: L243) for Flow Cytometry, Human IgG1 Fc Silent Kappa, In vivo Grade

Catalog No.: PA007464.h1Fs | **Product Name:** Recombinant Anti-human HLA-DR Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: L243)

Recombinant Human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

PRODUCT SPECIFICATIONS

Catalog No.	PA007464.h1Fs
Product Name	Recombinant Anti-human HLA-DR Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: L243)
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	DRA/DRB1, HLA class II histocompatibility antigen DR alpha/ DRB1-15 beta chain, HLA-DRA1/DRB1, MHC class II antigen DRA
Clone	L243.
Isotype	Human IgG1 Fc Silent Kappa
Source/Host	The anti-human HLA-DR monoclonal antibody (clone: L243) for Flow Cytometry was produced in mammalian cells.
Specificity/Sensitivity	The recombinant L243 antibody for Flow Cytometry specifically binds to human HLA-DR.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Form Of Antibody	0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide.
Conjugate	Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping & Storage	Shipped with ice pack. Store at 2 to 8°C as supplied (12 months from receipt). Do not freeze.

REFERENCES & BACKGROUND

The L243 monoclonal antibody specifically binds to a conformational epitope on the human HLA-DR antigen (MHC class II heterodimer). Recombinantly engineered with a Human IgG1 Fc-Silent domain to abolish non-specific binding to Fc receptors on macrophages, monocytes, and dendritic cells, this antibody format ensures exceptional signal-to-noise ratio in flow cytometry assays and frozen tissue immunofluorescence/IHC applications.