# PA007471.h1Fs: Recombinant Anti-human HLA-DR/DP/DQ Monoclonal Antibody (Clone: F3.3) for Flow Cytometry, Human IgG1 Fc Silent Kappa, In vivo Grade

**Catalog No.:** PA007471.h1Fs | **Product Name:** Recombinant Anti-human HLA-DR/DP/DQ Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: F3.3)

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

## PRODUCT SPECIFICATIONS

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| **Catalog No.** | PA007471.h1Fs |
| **Product Name** | Recombinant Anti-human HLA-DR/DP/DQ Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: F3.3) |
| **Supplier Name** | Syd Labs, Inc. |
| **Brand Name** | Syd Labs |
| **Synonyms** | beta1 domain MHC class II HLA DPB, CELIAC1, class II HLA beta chain, MHC class II HLA-DR, DP, DQ |
| **Clone** | F3.3. |
| **Isotype** | Human IgG1 Fc Silent Kappa |
| **Source/Host** | The anti-human HLA-DR/DP/DQ monoclonal antibody (clone: F3.3) for Flow Cytometry was produced in mammalian cells. |
| **Specificity/Sensitivity** | The recombinant F3.3 antibody for Flow Cytometry specifically binds to mouse HLA-DR/DP/DQ. |
| **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 F3.3 monoclonal antibody specifically recognizes a common determinant present on human HLA-DR, HLA-DP, and HLA-DQ Class II molecules. Recombinantly engineered with a Human IgG1 Fc-Silent domain to eliminate non-specific Fc receptor interactions, this format delivers high target specificity with minimized background signal during flow cytometry and frozen tissue immunohistochemistry analysis.