PA007470.h1Fs: Recombinant Anti-human CD47 Monoclonal Antibody (Clone: B6H12) for Flow Cytometry, Human IgG1 Fc Silent Kappa, In vivo Grade

Catalog No.: PA007470.h1Fs | **Product Name:** Recombinant Anti-human CD47 Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: B6H12)

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.	PA007470.h1Fs
Product Name	Recombinant Anti-human CD47 Monoclonal Antibody, Human IgG1 Fc Silent Kappa (Clone: B6H12)
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	CD47, CD47 antigen, CD47 molecule, CD47 glycoprotein, Integrin associated protein, Integrin-associated protein, Leukocyte surface antigen CD47, MER6, Protein MER6, Rh-related antigen, OA3, IAP
Clone	B6H12.
Isotype	Human IgG1 Fc Silent Kappa
Source/Host	The anti-human CD47 monoclonal antibody (clone: B6H12) for Flow Cytometry was produced in mammalian cells.
Specificity/Sensitivity	The recombinant B6H12 antibody for Flow Cytometry specifically binds to mouse CD47.
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 B6H12 monoclonal antibody specifically recognizes CD47 (Integrin-Associated Protein, IAP), a 50 kDa transmembrane glycoprotein expressed across hematopoietic and non-hematopoietic lineages. Recombinantly engineered with a Human IgG1 Fc-Silent domain to minimize non-specific Fc-receptor interaction, this antibody format provides enhanced target specificity with minimal background interference in flow cytometry assays and frozen section immunohistochemistry.