PA007470.m1: Recombinant Anti-human CD47 Monoclonal Antibody (Clone: B6H12) for Flow Cytometry, Mouse IgG1 Kappa, In vivo Grade

Catalog No.: PA007470.m1 | **Product Name:** Recombinant Anti-human CD47 Monoclonal Antibody (Clone: B6H12), Mouse IgG1 Kappa

Recombinant Mouse 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.m1
Product Name	Recombinant Anti-human CD47 Monoclonal Antibody (Clone: B6H12), Mouse IgG1 Kappa
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	Mouse IgG1 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 recognizes CD47 (Integrin-Associated Protein, IAP), a 50 kDa Ig superfamily transmembrane protein widely expressed on hematopoietic and non-hematopoietic cells. Produced in mammalian expression systems, this recombinant antibody serves as an essential tool for evaluating CD47 surface expression, investigating SIRPα-CD47 phagocytosis checkpoint signaling, and performing flow cytometry or frozen tissue immunohistochemistry.