Product Datasheet

Low Endotoxin Purified Anti-Human/Mouse/Rat CD47 Antibody [MIAP410]
Catalogue Code: AGEL2153

Antibody Data

Product SKU:	**AGEL2153**	**Clone:**	**MIAP410**
Applications:	**FCM**		
Reactivity:	**Human;Mouse;Rat**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Leukocyte surface antigen CD47;Cd47;Integrin-associated protein;IAP;
Uniprot ID:	Q08722 Q61735 P97829
Background:	CD47, also known as Integrin-Associated Protein (IAP), is a membrane protein of about 50 kD with an IgV-like extracelluluar domain, a five membrane-spanning segment and a short terminal cytoplasmic region. It is widely expressed on many cell types and often associated with beta 3 integrins. It has been reported that CD47 functions as a self marker. Red cells lacking CD47 were rapidly cleared from the bloodstream by splenic macrophages. By binding to SIRPα, CD47 controls hemostatic innate immune functions, such as phagocytosis and cell trafficking.
Form:	Liquid
Conjugation:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Mouse
Isotype:	Mouse IgG1, κ
Isotype Control:	AF/LE Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL2153]
Storage Buffer:	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping:	Biological ice pack at 4℃

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 2.0 µg per 106 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.