

## AF/LE Purified Anti-Human/Mouse/Rat CD47 Antibody[MIAP410]

**catalog number: E-AB-F10160**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

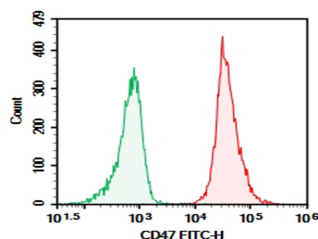
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD47 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	MIAP410
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications Recommended Dilution

<b>FCM</b>	2 $\mu\text{g/mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



Rat splenocytes were stained with 0.2  $\mu\text{g}$  AF/LE Purified Anti-Human/Mouse/Rat CD47 Antibody[MIAP410] (Right) and 0.2  $\mu\text{g}$  Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	Ice bag

### Background

Predicted to enable protein binding activity involved in heterotypic cell-cell adhesion and thrombospondin receptor activity. Involved in regulation of nitric oxide biosynthetic process. Acts upstream of or within several processes, including monocyte aggregation; opsonization; and positive regulation of phagocytosis. Located in extracellular exosome. Is integral component of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; hemolymphoid system gland; and liver and biliary system. Orthologous to human CD47 (CD47 molecule).

### For Research Use Only