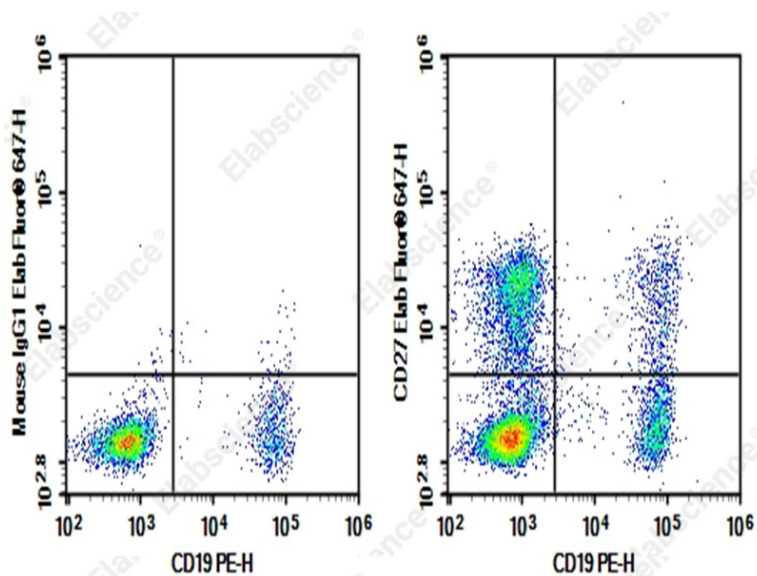

Product name:	Purified Anti-Human CD27 Antibody[O323]
Cat number:	MAB11400P
Size:	100µg
Clone:	O323
Concentration:	≥ 1 mg/mL
Host:	Mouse
Isotype:	Mouse IgG1, κ
Immunogen:	Recombinant Human CD27 protein
Reactivity:	Human
Applications:	FCM
Purification:	>98%, Protein A/G purified
Buffer:	PBS, pH 7.2. Contains 0.05% proclin 300.
Storage:	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.



Human peripheral blood lymphocytes were stained with 0.2 µg Purified Anti-Human CD27 Antibody[O323] (Right) and 0.2 µg Mouse IgG1, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 PE-conjugated Monoclonal Antibody.