

## Purified Anti-Human CD127 Antibody[A019D5]

catalog number: E-AB-F11520P

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

### Description

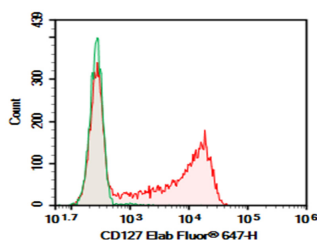
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD127 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	A019D5
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

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



Human peripheral blood lymphocytes were stained with 0.2  $\mu$ g Purified Anti-Human CD127 Antibody[A019D5] (Right) and 0.2  $\mu$ g Mouse IgG1,  $\kappa$  Isotype Control (Left),

followed by Elab Fluor® 647-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.
<b>Shipping</b>	Ice bag

### Background

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.

### For Research Use Only