Purified Anti-Mouse CD226 Antibody[10E5]

catalog number: **E-AB-F1402A**

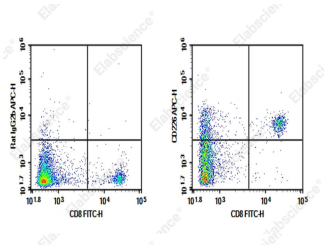
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD226 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	10E5
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD226 Antibody[10E5](Right) and 0.2 μg Rat IgG2b, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse CD4 FITC-conjugated Monoclonal Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD226 (DNAM-1) is constitutively expressed on native CD8+ cells and on CD4+ T cells, macrophages and NK cells. This antibody (10E5) was reported to bind about 40% of inactivated CD4+ cells and binds only to differentiated Th1 cells, but not to Th2 or Th0 cells.It is also reported to suppress antigen-specific T cell expansion and EAE (experimental allergic encephalitis) mediated by Th1 cells.

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