

Purified Anti-Human CD279 Antibody[EH12.2H7], Functional Grade

catalog number: E-AB-F12290

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

Description

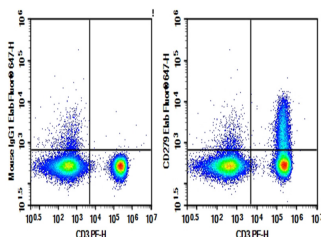
Reactivity	Human
Immunogen	Recombinant Human CD279 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	EH12.2H7
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

FCM	2 $\mu\text{g}/\text{mL}$ (0.5×10^6 - 1×10^6 cells)
Block	Reported in the literature

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD279 Antibody[EH12.2H7], Functional Grade (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD3 PE-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. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

For Research Use Only

rogrammed Death-1 (PD-1) is a type I transmembrane protein belonging to the CD28/CTLA-4 family of immunoreceptors that mediate signals for regulating immune responses . Members of the CD28/CTLA-4 family have been shown to either promote T cell activation (CD28 and ICOS) or down-regulate T cell activation (CTLA-4 and PD-1).

None (Azide-Free,Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Zou F, et al. Nat Commun. 2019 Oct 15;10:4109.