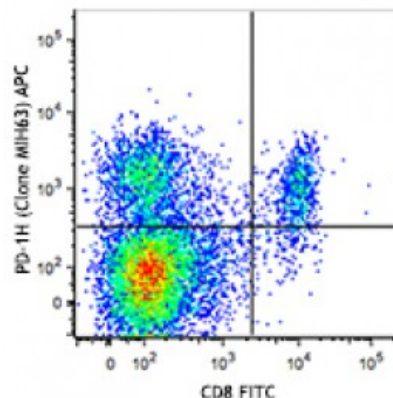


APC anti-mouse VISTA (PD-1H)

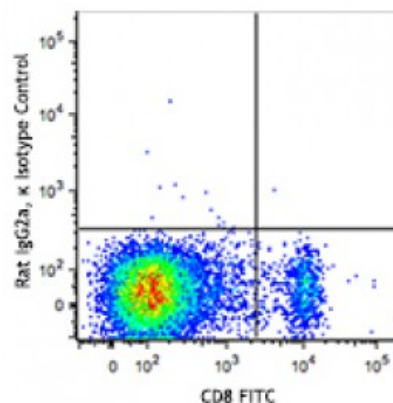
Catalog # / Size:	1351030 / 100 µg 1351025 / 25 µg
Clone:	MIH63
Isotype:	Rat IgG2a, κ
Immunogen:	Mouse VISTA transfected J558 cells.
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.2



C57BL/6 mouse splenocytes were stained with CD8 FITC and PD-1H (clone MIH63) APC (top) or rat IgG2a, κ APC isotype control (bottom).

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



Description: PD-1H, also known as VISTA, is a 309 aa type I transmembrane protein that is composed of seven exons. PD-1H has one Ig-V like domain, and its sequence is similar to the Ig-V domains of the members of CD28 and B7 families. PD-1H is expressed by a subset of T cells, macrophages, dendritic cells, neutrophils, and natural killer cells (NK). It has been proposed that PD-1H can be useful to modulate the host immune response to allogeneic transplants due to its ability to preferentially suppress CD4⁺ T cell-mediated immunity.

Antigen	1. Flies DB, <i>et al.</i> 2011. <i>J. Immunol.</i> 187:1537.
References:	2. Wang Li, <i>et al.</i> 2011. <i>J. Exp. Med.</i> 208:577.
	3. Flies DB, <i>et al.</i> 2014. <i>J. Clin. Invest.</i> 124:1966.