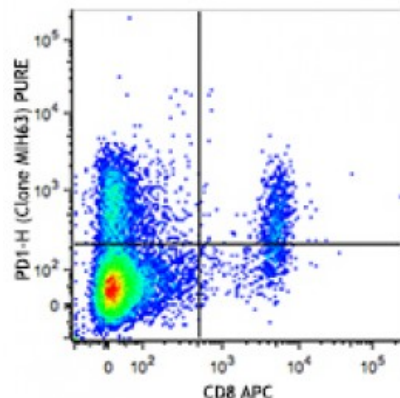


Purified anti-mouse VISTA (PD-1H)

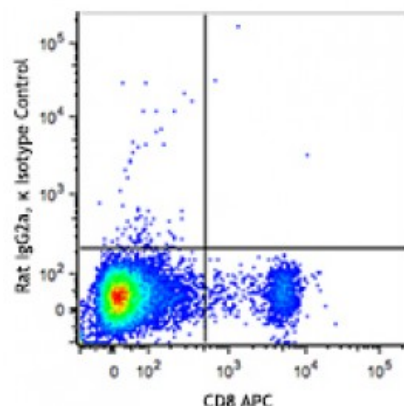
Catalog # / Size: 1351010 / 100 µg
Clone: MIH63
Isotype: Rat IgG2a, κ
Immunogen: Mouse VISTA transfected J558 cells.
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.2



C57BL/6 mouse splenocytes were stained with purified PD-1H (clone MIH63, top) or purified rat IgG2a, κ isotype control (bottom) followed by anti-rat IgG PE. The cells were then stained with CD8 APC.

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.



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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 the 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
References:**

1. Flies DB, *et al.* 2011. *J. Immunol.* 187:1537.
2. Wang Li, *et al.* 2011. *J. Exp. Med.* 208:577.
3. Flies DB, *et al.* 2014. *J. Clin. Invest.* 124:1966.