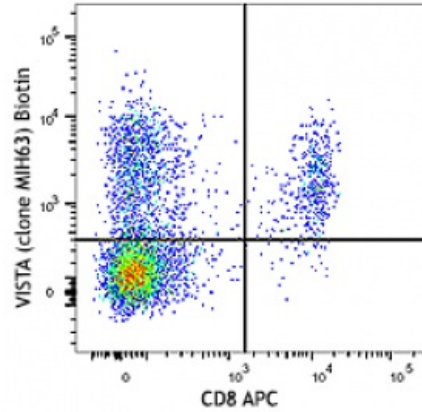


Biotin anti-mouse VISTA (PD-1H)

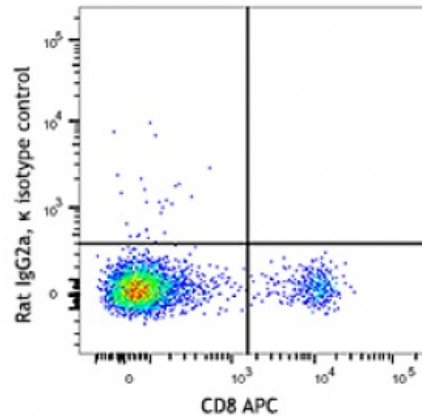
Catalog # / Size: 1351040 / 100 µg
Clone: MIH63
Isotype: Rat IgG2a, κ
Immunogen: Mouse VISTA transfected J558 cells.
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml



C57BL/6 mouse splenocytes were stained with CD8 APC and PD-1H (clone MIH63) Biotin (top) or rat IgG2a, κ Biotin 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 ≤ 0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.



- Application 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.

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 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.