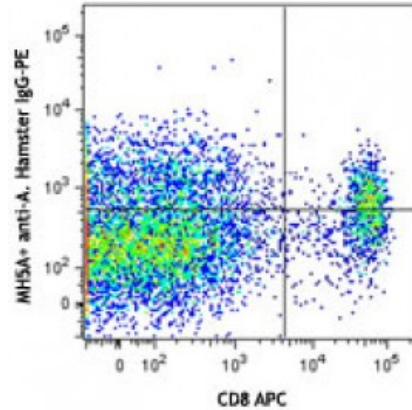


Purified anti-mouse PD-1H (VISTA)

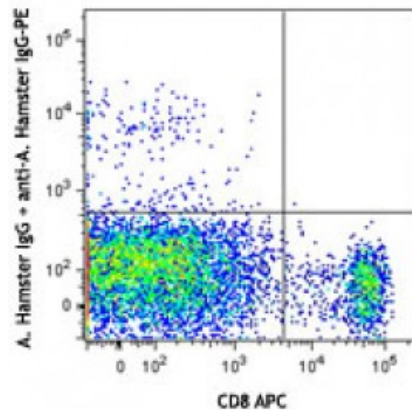
Catalog # / Size: 1318510 / 100 µg
Clone: MH5A
Isotype: Hamster IgG
Immunogen: PD-1H- IgG Fc fusion protein
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



C57BL/6 mouse splenocytes were stained with CD8 APC and purified PD-1H (clone MH5A) (top) or Armenian Hamster IgG isotype control (bottom), followed by anti-Armenian Hamster IgG-PE.

Applications:

Applications: Other
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 ≤1.0 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application Notes: Additional reported applications (for the relevant formats) include: inhibition of graft vs host disease (GVHD), Western blotting, and immunohistochemical staining of paraffin embedded tissue sections.



Application References: 1. Flies DB, *et al.* 2011. *J. Immunol.* 187:1537.

Description: PD-1H, also known as VISTA, is a 309 aa type I transmembrane protein, 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 NK cells. It has been proposed that PD-1H can be useful to modulate the host immune response to allogeneic transplants.

Antigen References: 1. Flies DB, *et al.* 2011. *J. Immunol.* 187:1537.
 2. Wang Li, *et al.* 2011. *J. Exp Med.* 208:577.