

**PE anti-mouse PD-1H (VISTA)**

**Catalog # / Size:** 1318535 / 25 µg  
1318540 / 100 µg

**Clone:** MH5A

**Isotype:** Hamster IgG

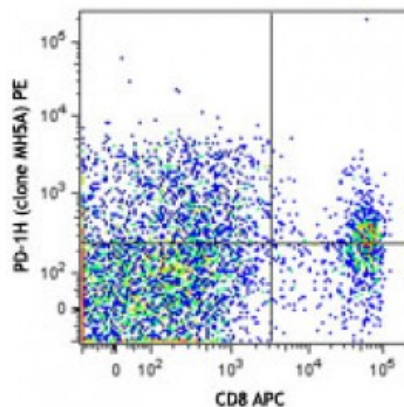
**Immunogen:** PD-1H- IgG Fc fusion protein

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.2



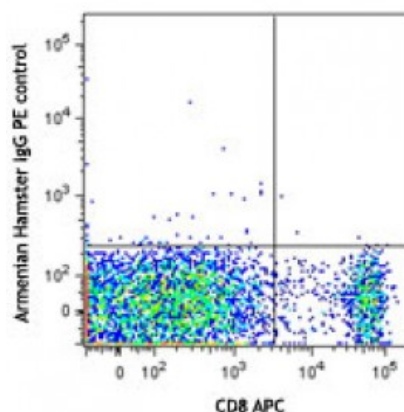
C57BL/6 mouse splenocytes were stained with CD8 APC and PD-1H (clone MH5A) PE (top) or Armenian Hamster IgG PE isotype control (bottom).

**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 ≤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.