

# VISTA Monoclonal Antibody (MIH64), APC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MIH64
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2725655

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	-

## Product Specific Information

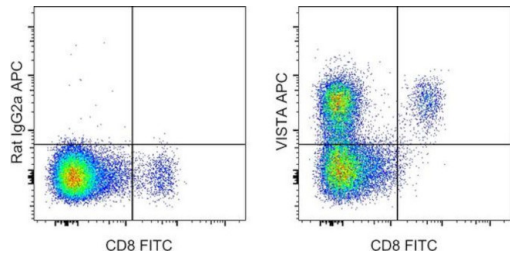
**Description:** This MIH64 monoclonal antibody recognizes mouse VISTA, also known as B7-H5 or PD-H1.

This MIH64 antibody will work in flow cytometry on both native and paraformaldehyde-fixed cells.

**Applications Reported:** This MIH64 antibody has been reported for use in flow cytometric analysis.

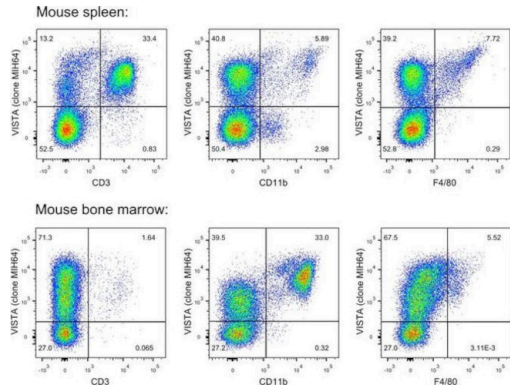
**Applications Tested:** This MIH64 antibody has been tested by flow cytometric analysis of mouse splenocytes. This may be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Excitation:** 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser



VISTA Antibody (17-1083-82) in Flow

Mouse splenocytes were stained with CD8a Monoclonal Antibody, FITC (Product # 11-0081-82) and 0.25 µg of Rat IgG2a kappa Isotype Control, APC (Product # 17-4321-82) (left) or 0.25 µg of VISTA Monoclonal Antibody, APC (right). Cells in the lymphocyte gate were used for analysis.



VISTA Antibody (17-1083-82)

Surface staining of mouse splenocytes (upper panels) or mouse bone marrow cells (lower panels). As expected based on known expression patterns clone MIH64 stains the majority of myeloid cells (CD11b+) and the majority of T cells (CD3+). The VISTA expression on myeloid cells is higher than on T cells. Details: Mouse splenocytes were stained with CD3 (clone 145-2C11), CD11b (clone M1 /70), F4/80 (clone BM8) and VISTA (clone MIH64). Both lymphoid and myeloid cells were used for analysis. {RE}

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