

PE anti-mouse MAIR-V

Catalog # / Size: 132703 / 25 µg
132704 / 100 µg

Clone: TX70

Isotype: Rat IgG2a, κ

Immunogen: MAIR-V transfectant (BW5147)

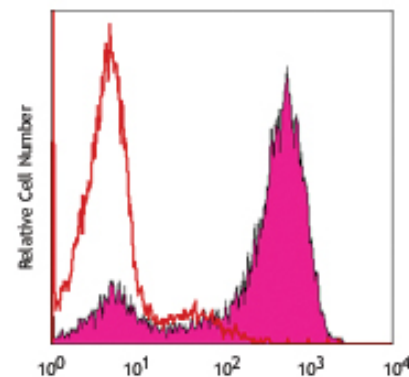
Reactivity: Mouse

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 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



MAIR-V transfectant cells stained with TX70-PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.015 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: The myeloid-associated immunoglobulin-like receptor family (CD300) consists of nine activating or inhibitory cell surface receptors preferentially expressed on myeloid cells and are encoded by the genes in a small cluster on mouse chromosome 11. MAIR-V is one of the family members. MAIR-V regulates the activation of myeloid cells. It has been reported that cross-linking MAIR-V with anti-MAIR-V monoclonal antibody induced cell death in peritoneal macrophages as well as transfectants. Data suggested that MAIR-V is one of the inhibitory receptors in the family. The functional characteristics of this receptor are still not clear. Monoclonal antibody TX70 recognized both MAIR-Va and MAIR-Vb.

Antigen References: 1. Can Ismail, *et al.* 2008. *Hybridoma*. 27 (1):59-61
2. Can Ismail, *et al.* 2008. *J. Immunol. Sep*; 180:207-213
3. Totsumoto K, *et al.* 2003. *J. Exp. Med.* 198:223-233

Related Products:	Product	Clone	Application
	PE Rat IgG2a, κ Isotype Ctrl	RTK2758	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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