

## Purified anti-mouse MAIR-V

**Catalog # / Size:** 132702 / 100 µg

**Clone:** TX70

**Isotype:** Rat IgG2a, κ

**Immunogen:** MAIR-V transfectant (BW5147)

**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 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.

## 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 ≤0.25 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**  
Purified Rat IgG2a, κ Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)

**Clone**  
RTK2758

**Application**  
FC, ICC, IF, IHC, IP, WB  
FC, ICC, ICFC  
FC, ICFC



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