

PRODUCT INFORMATION

Clone ID	DM168
Target	MICB
Synonyms	MIC-B; PERB11.2
Host Species	Rabbit
Description	Anti-MICB antibody(DM168); Rabbit mAb
Delivery	In Stock
Uniprot ID	Q29980
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells; CD8 alphabeta T cells; and gammadelta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however; it does not associate with beta-2-microglobulin or bind peptides. Alternative splicing results in multiple transcript variants.
Usage	Research use only



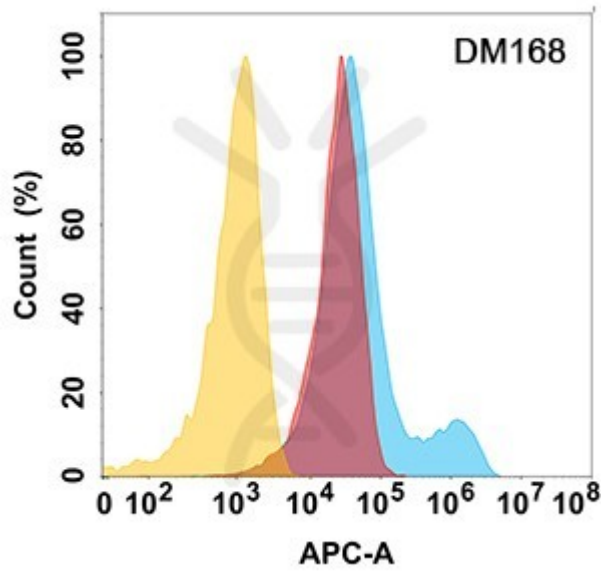


Figure 1. MICB protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-MICB (DM168) on Expi293 cells transfected with human MICB (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

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