

PRODUCT INFORMATION

Clone ID	DM203
Target	CD99
Synonyms	HBA71; MIC2; MIC2X; MIC2Y; MSK5X
Host Species	Rabbit
Description	Anti-CD99 antibody(DM203); Rabbit mAb
Delivery	In Stock
Uniprot ID	P14209
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	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration; T-cell adhesion; ganglioside GM1 and transmembrane protein transport; and T-cell death by a caspase-independent pathway. In addition; the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus. [provided by RefSeq; Mar 2016]
Usage	Research use only



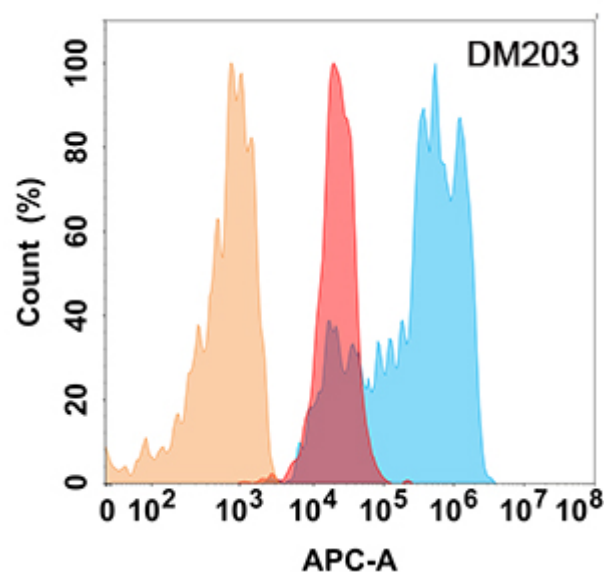


Figure 1. CD99 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD99 (DM203) on Expi293 cells transfected with human CD99 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

