PRODUCT INFORMATION

Clone ID	DMC488
Target	LIV-1
Synonyms	LIV1, SLC39A6, ZIP-6
Host Species	Rabbit
Description	Anti-LIV-1 antibody(DMC488); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q13433
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	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	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A6 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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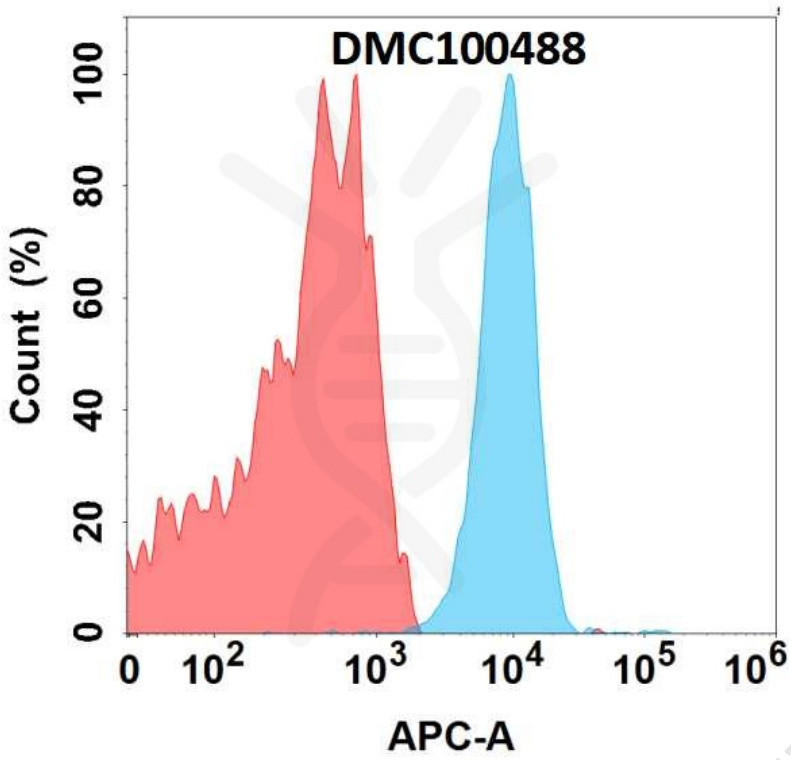

Figure 1. Flow cytometry analysis with 1 μg/mL Anti-LIV-1 (DMC488) mAb on RPMI 8226 cell line.

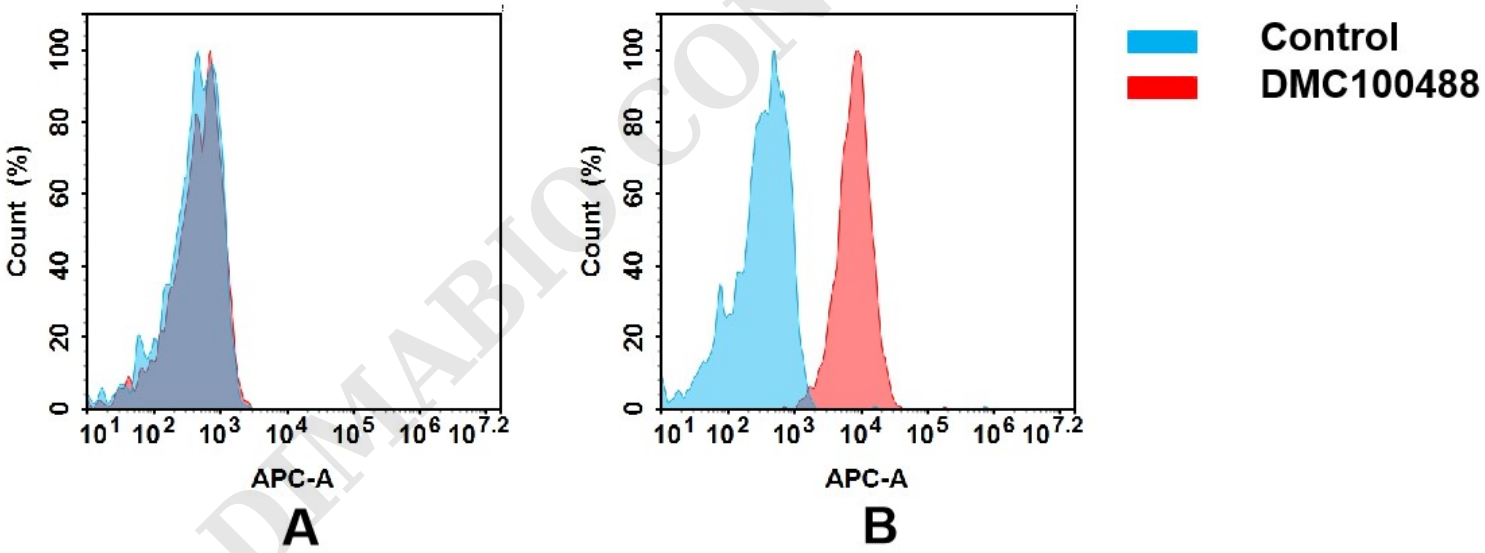

Figure 2. Flow cytometry analysis of antigen binding of anti-human LIV-1 mAb(DMC100488).
(A) DMC100488 does not bind to CHO-S cells that do not express LIV-1.
(B) A clear peak shift of DMC100488 was seen compared to the control when incubated with LIV-1-expressing Raji cells, indicating strong binding of DMC100488 to LIV-1. Antibodies were incubated at 5 μg/mL.

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