

PRODUCT INFORMATION

Clone ID **DMC488 Target** LIV-1

LIV1, SLC39A6, ZIP-6 **Synonyms**

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**

Storage & Shipping

Background

Flow Cyt 1/100

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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.

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

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

> > Email: info@dimabio.com Website: www.dimabio.com

DIMA Disclaimer reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.





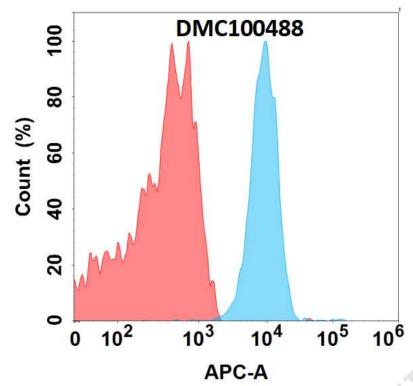


Figure 1. Flow cytometry analysis with 1 μg/mL Anti-LIV-1 (DMC488) mAb on RPMI 8226 cell line.

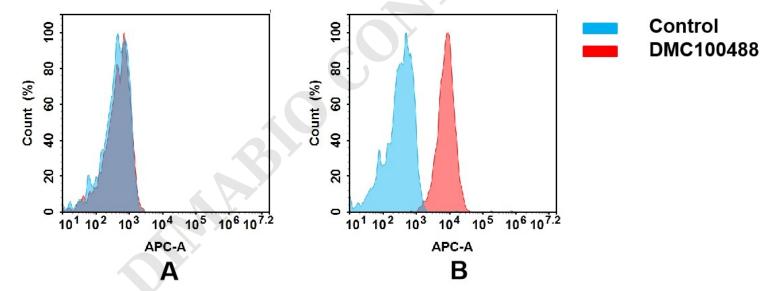


Figure 2. Flow cytometry analysis of antigen binding of anti-human LIV-1 mAb(DMC100488). (A) DMC100488 does not bind to CHO-S cells that do not express LIV-1. (B) A clear peak shift of DMC100488 was seen compared to the control when incubated with LIV-1-expressing Raji cells, indicating strong binding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

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