

## **PRODUCT INFORMATION**

able \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-voocommerce-print-products-public.php on line 2806 Clone ID

SLAM7 (19A; CD319; CRACC; CS1)

Host Species Rabbit

Anti-CS1 antibody(DM9); Rabbit mAb Description Delivery In Stock

Uniprot ID Q9NQ25 IgG type Rabbit IgG Monoclonal Clonality Reactivity Human ELISA; Flow Cyt Applicati Recommend 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 specific instructions of reconstitution.

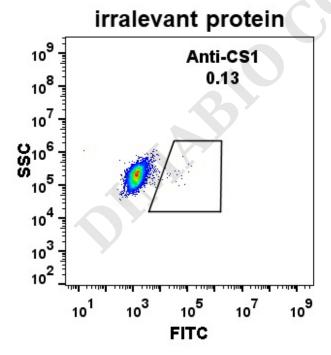
Storage & Shipping

play a role in lymphocyte (PubMed:23695528).

Research use only

Usage

Nescentruse Unity
Unconjugated
All DIMA recombinant antibodies are genuinely generated by DIMA Blotech. They are all under patent application. Any protein sequencing or revengineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infiningement. DIMA Disclaime



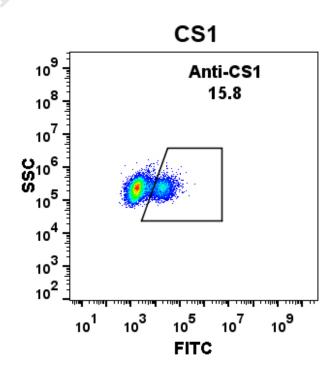


Figure 1. HEK293 cell line transfected with irrelevant protein (left) and human CS1 (right) were surface stained with Rabbit anti-CS1monoclonal antibody  $1\mu$ g/ml (clone: DM9) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

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



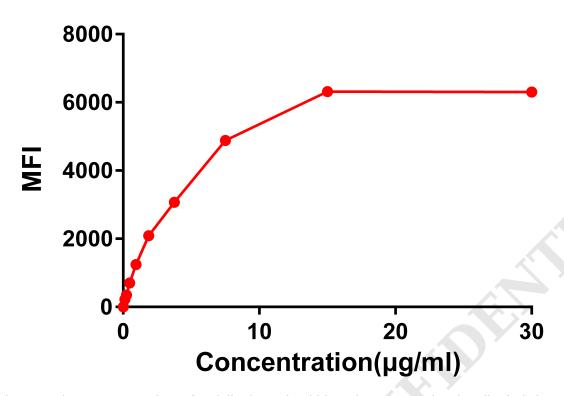


Figure 2. Flow cytometry data of serially titrated Rabbit anti-CS1 monoclonal antibody ( clone: DM9) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

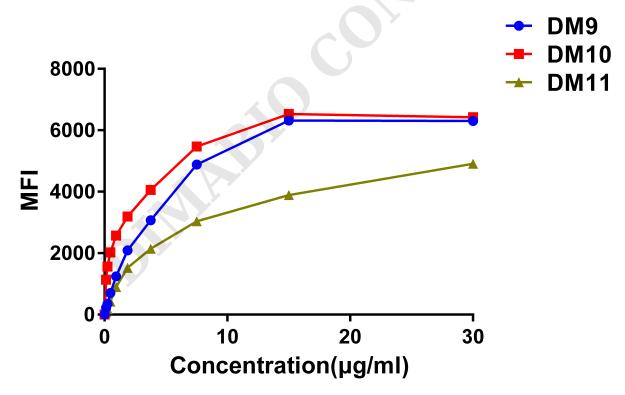


Figure 3. Affinity ranking of different Rabbit anti-CS1 mAb clones by titration of different concentration onto Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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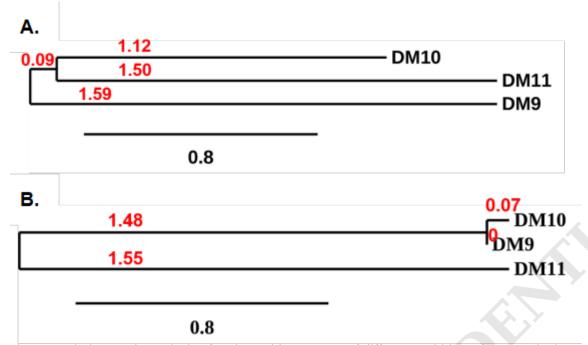


Figure 4. Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CS1 mAb clones. A) Heavy chain and B) Light chain.

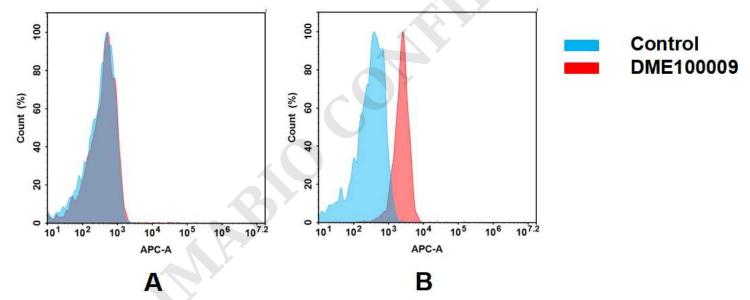


Figure 5. Flow cytometry analysis of antigen binding of rabbit anti-human CS1 mAb(DME100009).

(A) DME100009 does not bind to 293T cells that do not express CS1. (B) A clear peak shift of DME100009 was seen compared to the control when incubated with CS1-expressing MM.1S cells, indicating strong binding of DME100009 to CS1. Antibodies were incubated at 2  $\mu$ g/mL.



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