

PRODUCT INFORMATION

Clone ID 8B5 CD22 **Target**

Synonyms SIGLEC2; SIGLEC-2

Host Species Rabbit

Description Anti-CD22 antibody(8B5), Rabbit mAb

Delivery In Stock **Uniprot ID** P20273 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

Applications WB; Flow Cyt

Recommended

Background

WB 1:1000; Flow Cyt 1:100 **Dilutions**

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 Reconstitution

lyophilization. Please see Certificate of Analysis 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

CD22 (CD22 Molecule) is a Protein Coding gene. Diseases associated with CD22 include Refractory Hematologic Cancer and Hairy Cell Leukemia. Among its related pathways are Downstream signaling events of B Cell Receptor (BCR) and

Hematopoietic cell lineage. Gene Ontology (GO) annotations related to this gene include

carbohydrate binding. An important paralog of

this gene is SIGLEC2.

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.





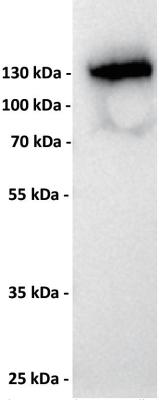
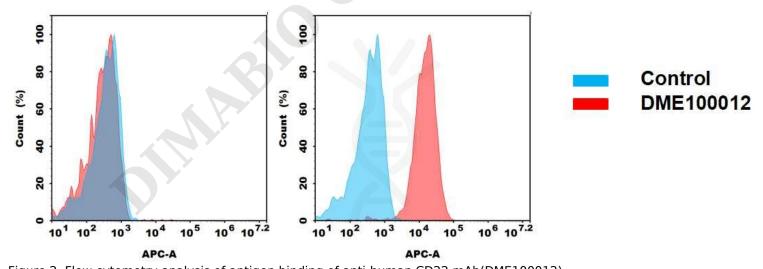


Figure 1.Anti-CD22 antibody (SKU# DME100012) at 1/1000 dilution

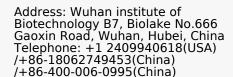
Lane: Raji (human Burkitt's lymphoma B lymphocyte), whole cell lysate

Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 60 kDa Observed band size: 130 kDa



(A) DME100012 does not bind to Jurkat cells that do not express CD22 (B) A clear peak shift of DME100012 was seen compared to the control when incubated with CD22-expressing Raji cells, indicating strong binding of DME100012 to CD22. Antibodies were incubated at 10 ug/mL.



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

