

PRODUCT INFORMATION

Target ICAM-1

Synonyms ICAM1;BB2;CD54;P3.58

Recombinant human ICAM-1 protein with C-**Description**

terminal mouse Fc tag

Delivery In Stock **Uniprot ID** P05362 **HEK293 Expression Host**

Tag C-Mouse Fc Tag

Molecular

Storage & Shipping

Background

Purity

ICAM-1(Gln28-Glu480) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of 75.7 kDa after removal of the signal peptide. The apparent molecular mass of ICAM-1-mFc is **Molecular Weight**

approximately 90-120 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

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

This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells

and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

Usage Research use only Conjugate Unconjugated







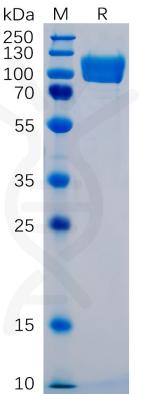


Figure 1. Human ICAM-1 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human ICAM1, mFc Tagged protein ELISA

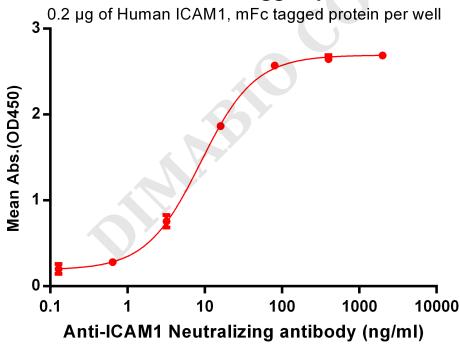


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human ICAM1, mFc tagged protein (PME100062) can bind Anti-ICAM1 Antibody BME100036 in a linear range of 0.64-80.0 ng/ml.

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