

PRODUCT INFORMATION

| | |
|---|---|
| Target | ICAM-1 |
| Synonyms | ICAM1;BB2;CD54;P3.58 |
| Description | Recombinant human ICAM-1 protein with C-terminal mouse Fc tag |
| Delivery | In Stock |
| Uniprot ID | P05362 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc Tag |
| Molecular Characterization | ICAM-1(Gln28-Glu480) mFc(Pro99-Lys330) |
| Molecular Weight | 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 approximately 90-120 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| 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 | 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 |



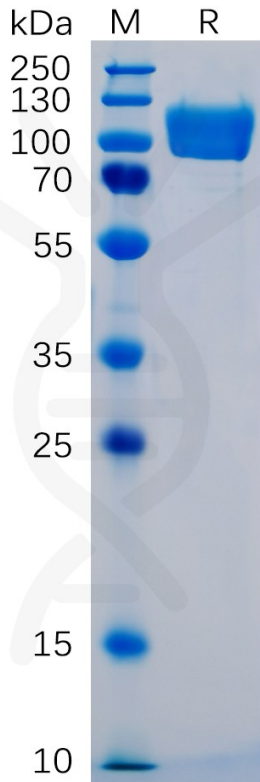


Figure 1. Human ICAM-1 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human ICAM1, mFc Tagged protein ELISA

0.2 µg of Human ICAM1, mFc tagged protein per well

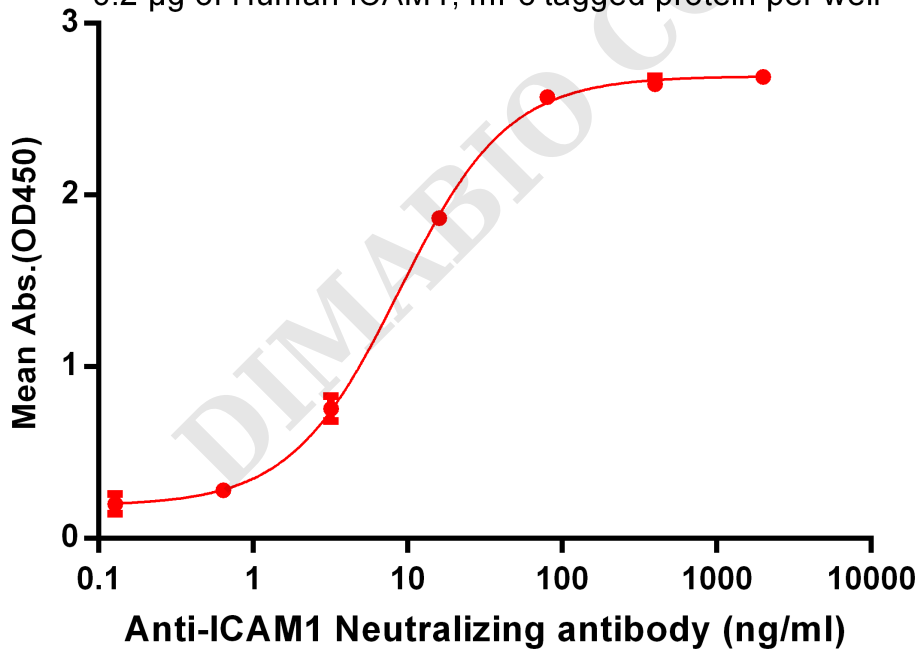


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human ICAM1, mFc tagged protein (PME100062) can bind Anti-ICAM1 Antibody BME100036 in a linear range of 0.64-80.0 ng/ml.

