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

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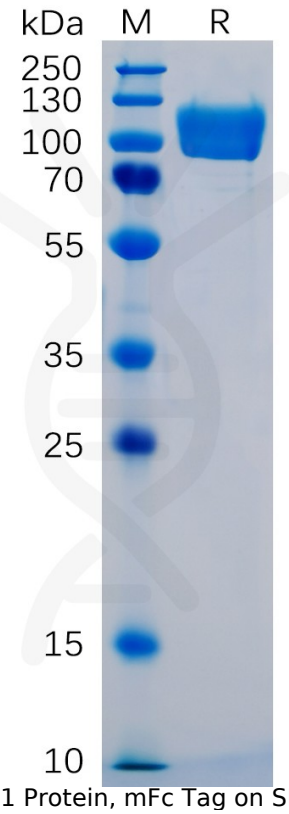


Figure 1. Human ICAM-1 Protein, mFc Tag on SDS-PAGE under reducing condition.

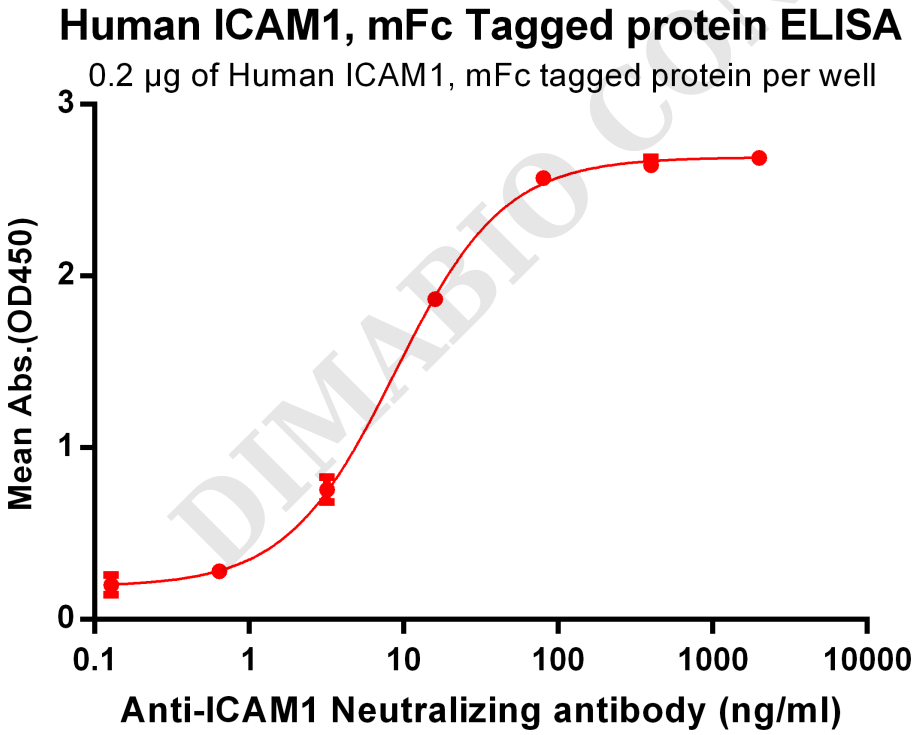


Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human ICAM1, mFc tagged protein (PME100062) can bind Anti-ICAM1 Antibody BME100036 in a linear range of 0.64-80.0 ng/ml.

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