

Datasheet for ABIN6961122
ICAM1 Protein (mFc Tag)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ICAM1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICAM1 protein is labelled with mFc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human ICAM-1 protein with C-terminal mouse Fc tag
Specificity:	ICAM-1 (Gln48-Glu480) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ICAM1
Alternative Name:	ICAM-1 (ICAM1 Products)
Target Type:	Viral Protein

Target Details

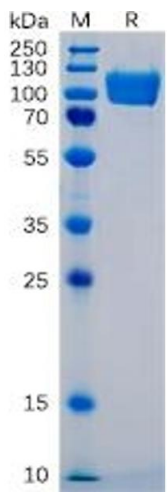
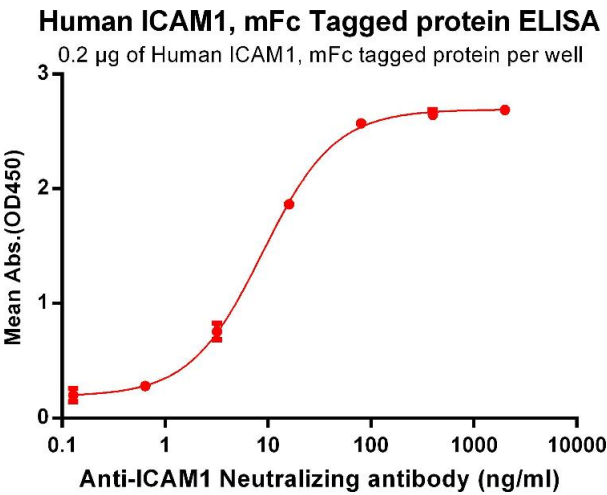
Background:	Synonyms: ICAM1,BB2,CD54,P3.58 Description: This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.
Molecular Weight:	predicted molecular mass of 75.7 kDa after removal of the signal peptide.The apparent molecular mass of ICAM-1-mFc is 90-120 kDa due to glycosylation.
Gene ID:	3383
UniProt:	P05362
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Actin Filament Polymerization , Carbohydrate Homeostasis , Regulation of Leukocyte Mediated Immunity , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ICAM1, mFc tagged protein (ABIN6961122) can bind Anti-ICAM1 Antibody in a linear range of 0.64-80.0 ng/mL.

SDS-PAGE

Image 2. Human ICAM-1 Protein, mFc Tag on SDS-PAGE under reducing condition.