

PRODUCT INFORMATION

JAM-A **Target**

Synonyms CD321;JAM;JAM1;JAMA;JCAM;KAT;PAM-1

Recombinant Human JAM-A Protein with C-**Description** terminal human Fc tag

Delivery In Stock

Uniprot ID Q9Y624 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

JAM-A(Ser28-Val238) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

49.1 kDa after removal of the signal peptide. The apparent molecular mass of JAM-A-hFc is **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

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.

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water

from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an **Background** important regulator of tight junction assembly in

epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the

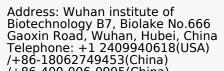
integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding

the same protein, have been identified but their biological validity has not been established.

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

Usage Research use only

Conjugate Unconjugated



/+86-400-006-0995(China)





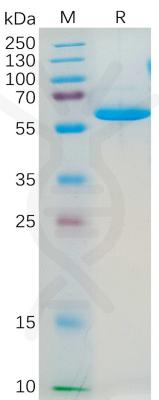


Figure 1. Human JAM-A Protein, hFc Tag on SDS-PAGE under reducing condition.

Human JAM-A,hFc Tagged protein ELISA

0.2 µg of Human JAM-A, hFc tagged protein per well

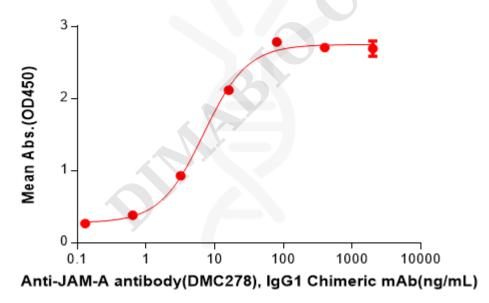


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human JAM-A Protein, hFc Tag(PME100554) can bind Anti-JAM-A antibody(DMC278), IgG1 Chimeric mAb in a linear range of 3.20–80 ng/mL.

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