

PRODUCT INFORMATION

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|---|---|
| Clone ID | DM96 |
| Target | DNAM1 |
| Synonyms | DNAM1; CD226; PTA1 |
| Host Species | Rabbit |
| Description | Anti-DNAM-1 antibody(DM96); Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | Q15762 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA; Flow Cyt |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| 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 glycoprotein expressed on the surface of NK cells; platelets; monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants. |
| Usage | Research use only |
| Conjugate | Unconjugated |



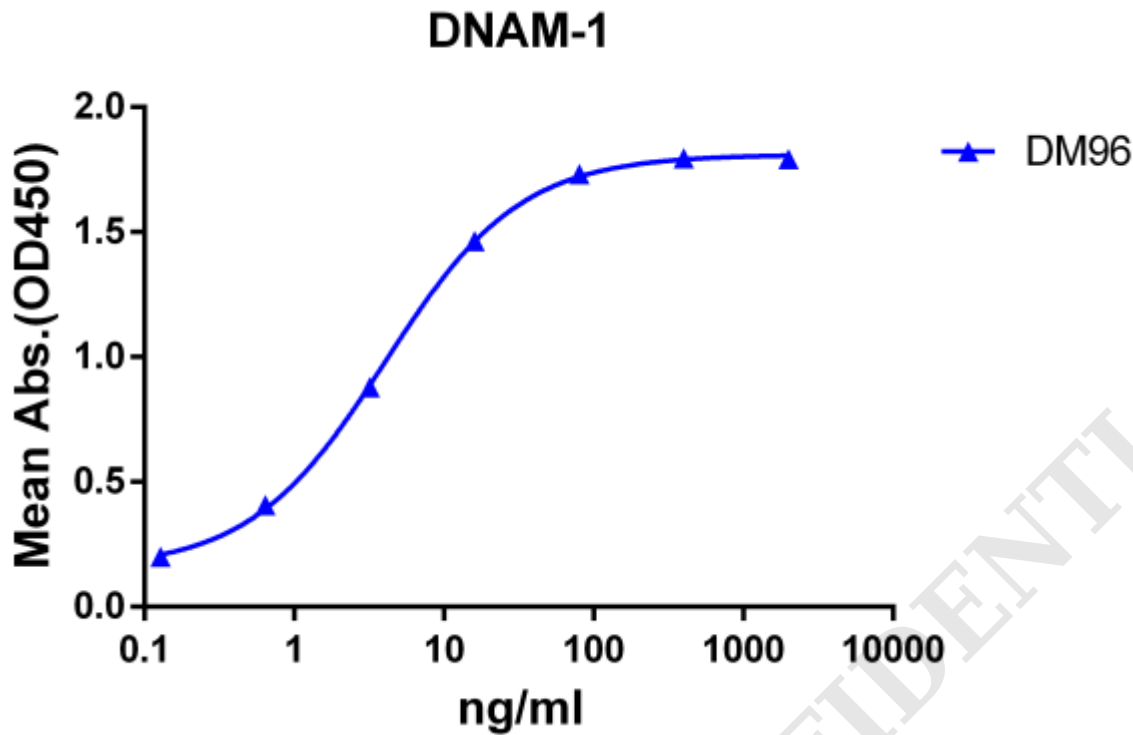


Figure 1. ELISA plate pre-coated by 2 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human DNAM-1 protein, mFc-His tagged protein ([getskuurl sku="PME100050"]) can bind Rabbit anti-DNAM-1 monoclonal antibody (**clone: DM96**) in a linear range of 0.64-80 ng/ml.

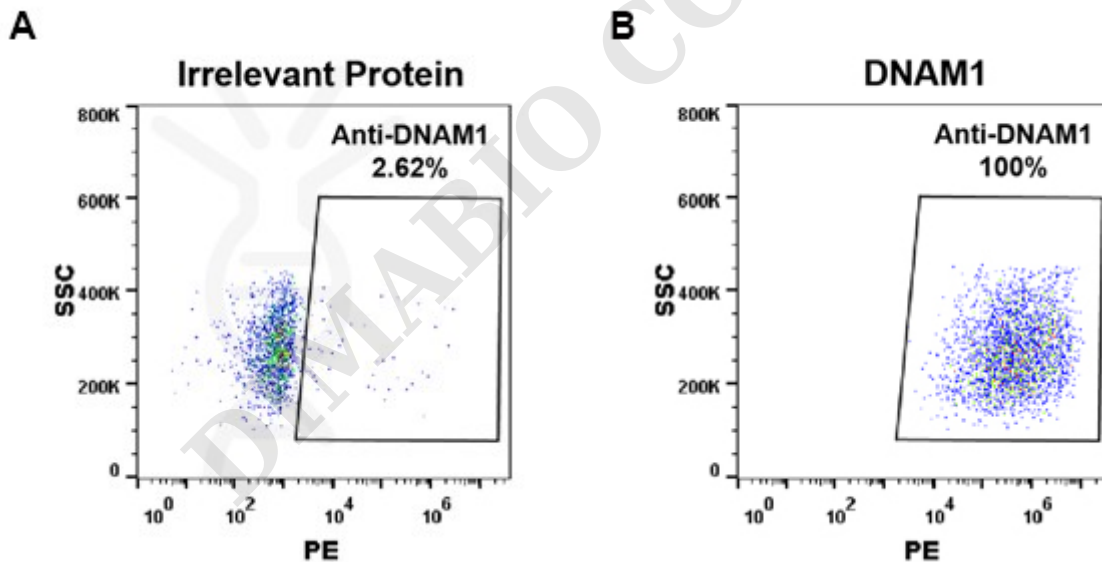


Figure 2. Expi 293 cell line transfected with irrelevant protein (**A**) and human DNAM-1 (**B**) were surface stained with Rabbit anti-DNAM-1 monoclonal antibody 1 $\mu\text{g/ml}$ (**clone: DM96**) followed by PE-conjugated anti-rabbit IgG secondary antibody.

