

**PRODUCT INFORMATION**

<b>Clone ID</b>	DM191
<b>Target</b>	CD70
<b>Synonyms</b>	CD70;CD27LG;TNFSF7;TNFSF7G;CD27L
<b>Host Species</b>	Rabbit
<b>Description</b>	Biotinylated Anti-CD70 antibody(DM191); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P32970
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 15µg/ml
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/µg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27:CD27. It is a surface antigen on activated; but not on resting; T and B lymphocytes. It induces proliferation of costimulated T cells; enhances the generation of cytolytic T cells; and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation; cytotoxic function of natural killer cells; and immunoglobulin synthesis.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Biotinylated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr



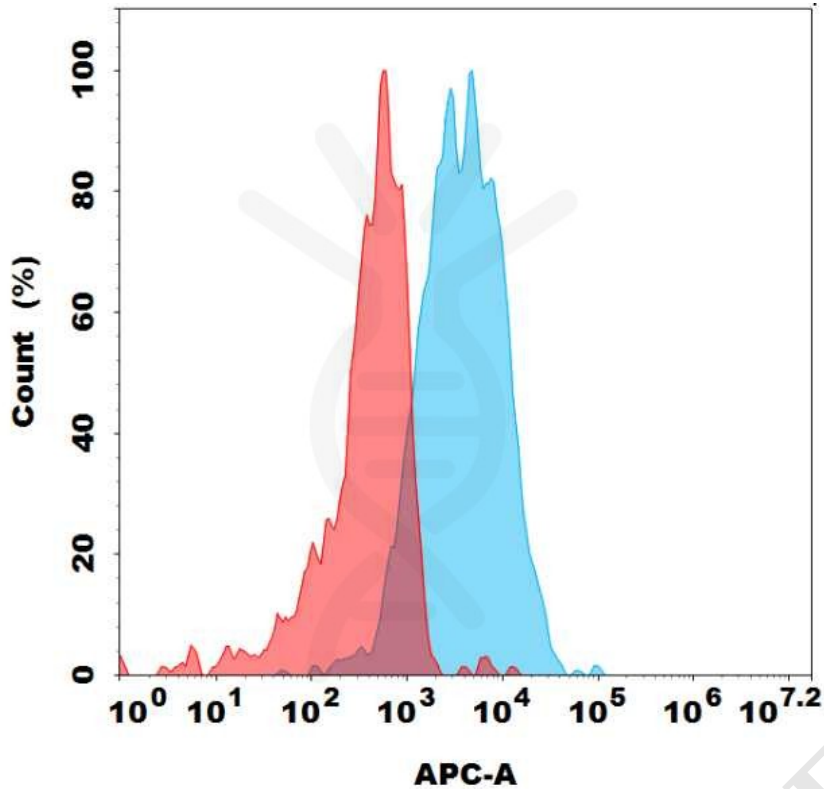
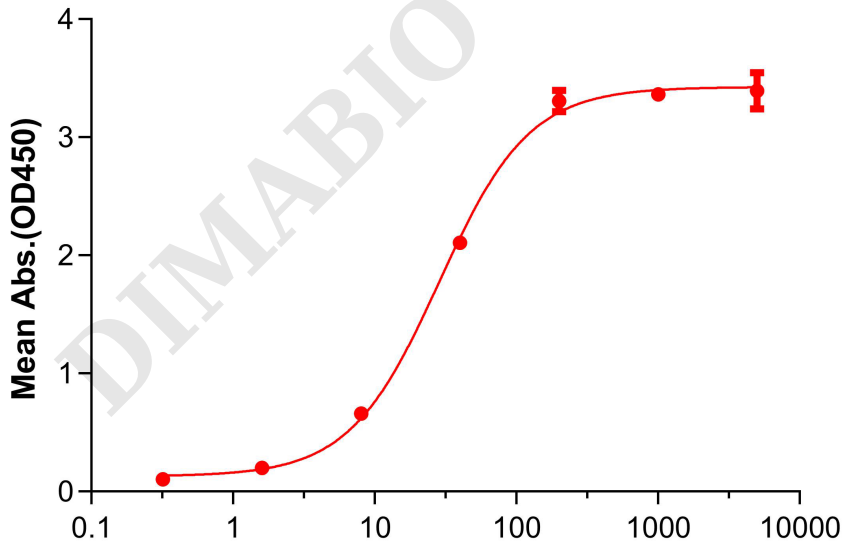


Figure 1. Flow cytometry analysis with 15µg/ml Biotinylated Anti-CD70 (DM191)mAb on HEK293 cells transfected with Human CD70 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

### Biotinylated Anti-CD70 antibody(DM191), Rabbit mAb ELISA

0.2 µg of Human CD70, hFc-His tagged Protein per well



### Biotinylated Anti-CD70 antibody(DM191), Rabbit mAb(ng/mL)

Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD70 Protein, hFc-His Tag (PME100486) can bind Biotinylated Anti-CD70 antibody(DM191); Rabbit mAb (DME100191B) in a linear range of 40-200 ng/mL.

