

## **PRODUCT INFORMATION**

Clone IDDM76TargetTrop2SynonymsTACSTD2; GA733-1; M1S1; TROP2Host SpeciesRabbitDescriptionAnti-Trop2 antibody(DM76); Rabbit mAbDeliveryIn StockUniprot IDP09758IgG typeRabbit IgGClonalityMonoclonalReactivityHumanApplicationsELISA; Flow CytPurificationPurified from cell culture supernatant by affinity chromatographyFormulation & hypohilized from sterile PBS, pH 7.4. Normally 5 Myophilized from After reconstitution. Store at -0°C to -80/PC Curi gan at abient temperature. This introless gene encodes a carcinoma- associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelations of phile cornel adystorphy.Storage & ShippingResearch use only conjugatedDIMA DisclaimerUnconjugated PolicationDIMA DisclaimerUnconjugated philest application. Any protein sequencing or reverse engineering all petent application sequencing or reverse engineering all petent application sequencing or reverse engineering at philested. They are and associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this peter have bee as associated with gelations of this peter have bee as a plication with generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering at philet. This art genusBackgroundMiteoretics of this genus sequencing or reverse engineering at philet. This art genus sequencing or reverse engineering at philet. Th		
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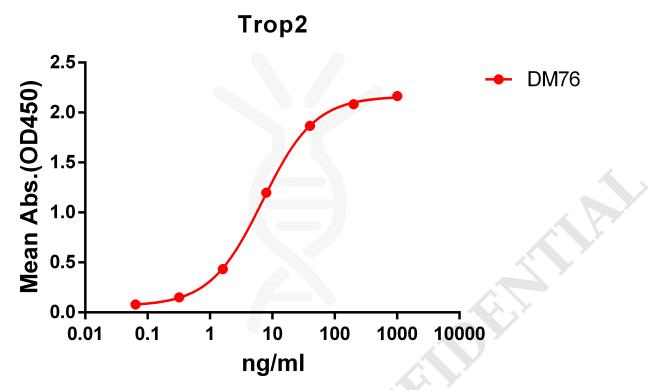


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human Trop2 protein, mFc-His tagged protein PME100501 can bind Rabbit anti-Trop2 monoclonal antibody (clone: DM76) in a linear range of 1-100 ng/ml.

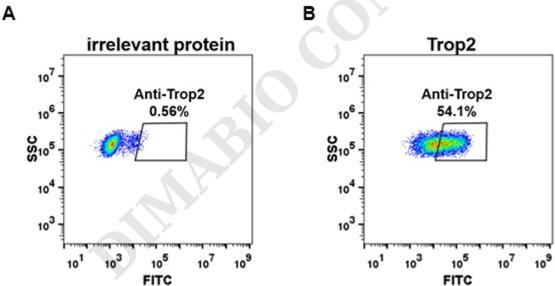


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human Trop2 (B) were surface stained with Rabbit anti-Trop2 monoclonal antibody  $1\mu$ g/ml (clone: DM76) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

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Cat. No. DME100076



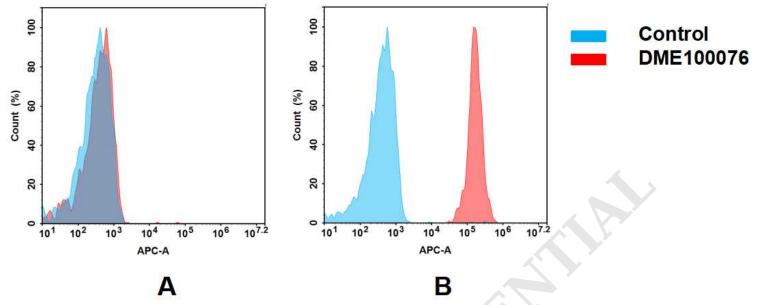


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human Trop2 mAb(DME100076).

(A) DME100076 does not bind to 293T cells that do not express Trop2.
(B) A clear peak shift of DME100076 was seen compared to the control when incubated with Trop2-expressing A431 cells, indicating strong binding of DME100076 to Trop2. Antibodies were incubated at 2 μg/mL.

