PRODUCT INFORMATION

Clone ID	17A11
Target	Trop2
Synonyms	TACSTD2;GA733-1;M1S1;TROP2
Host Species	Rabbit
Description	Anti-TROP2 antibody(17A11), Rabbit mAb
Delivery	In Stock
Uniprot ID	P09758
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	WB
Recommended Dilutions	WB 1:1000
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 intronless 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 gelatinous drop-like corneal dystrophy.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 scrutinizing all patent application to ensure no IP infringement.

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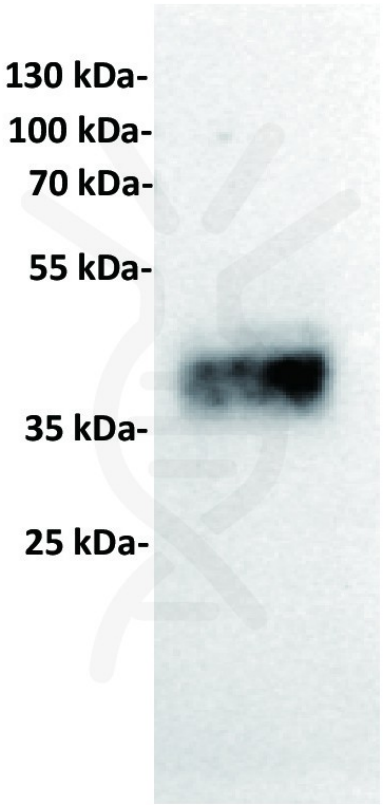

Figure 1.Anti-Trop2 antibody (SKU# DME101001) at 1/1000 dilution

Lane : A431, whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 36 kDa
Observed band size: 40 kDa

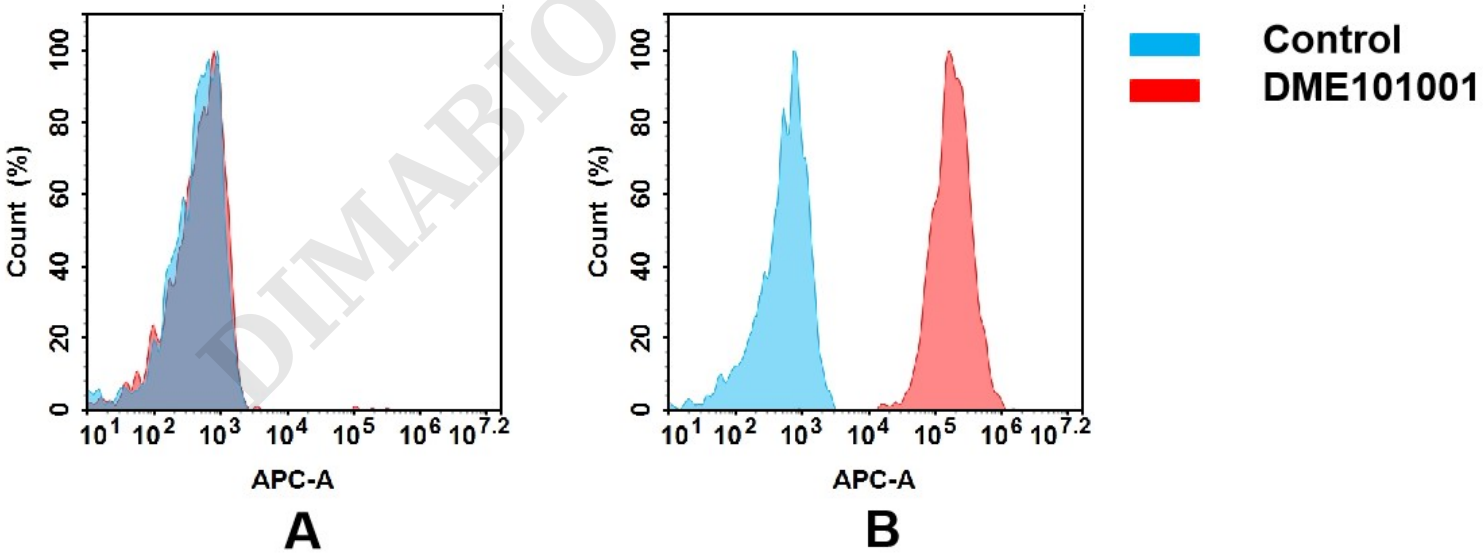

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human TROP2 mAb(DME101001).
(A) DME101001 does not bind to CHO-S cells that do not express TROP2.
(B) A clear peak shift of DME101001 was seen compared to the control when incubated with TROP2-expressing A431 cells, indicating strong binding of DME101001 to TROP2. Antibodies were incubated at 5 μg/mL.

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