

## TROP2 (DM74) RABBIT MAB

**Cat.#:** 28389

**Product Name:** Anti-Trop2(DM74) Rabbit Monoclonal Antibody

**Synonyms:** TACSTD2; GA733-1; MIS1; TROP2

**Description:** Anti-Trop2 antibody(DM74) Rabbit Monoclonal Antibody

**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.

**Applications:** ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human Trop2

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5% - 8% trehalose is added as protectants before lyophilization.

**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).

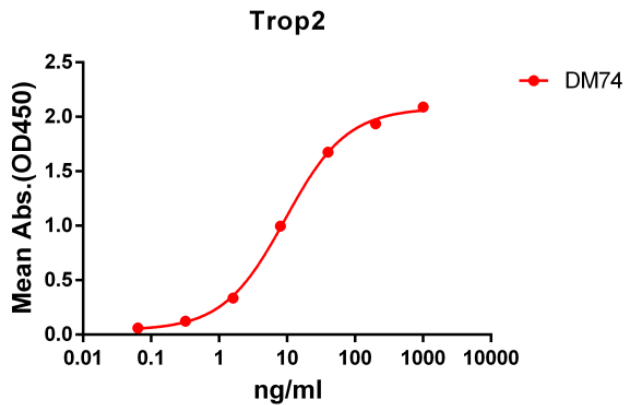


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human Trop2 protein, mFc-His tagged protein 11304 can bind Rabbit anti-Trop2 monoclonal antibody (clone: DM74) in a linear range of 1-100 ng/ml.

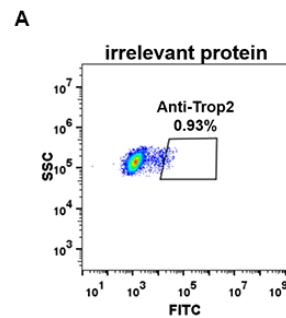


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human Trop2 (B) were surface stained with Rabbit anti-Trop2 monoclonal antibody 1 µg/ml (clone: DM74) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody