

## B7-1 (DM109) RABBIT MAB

**Cat.#:** 28454

**Product Name:** Anti-B7-1(DM109) Rabbit Monoclonal Antibody

**Synonyms:** CD80;B7;B7-1;B7.1;BB1;CD28LG;CD28LG1;LAB7

**Description:** Anti-B7-1 antibody(DM109) Rabbit Monoclonal Antibody

**Background:** The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.

**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 B7-1

**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).

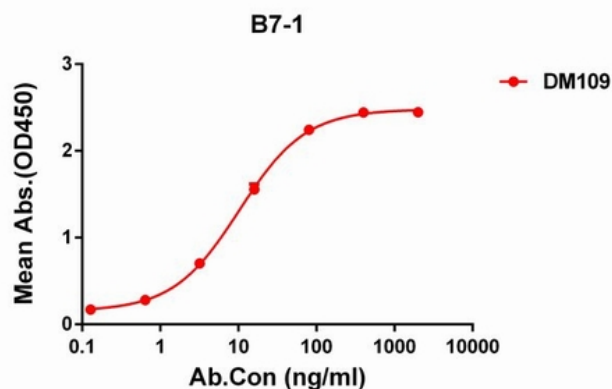


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human B7-1 protein, hFc tagged protein 11283 can bind Rabbit anti-B7-1 monoclonal antibody B7-1 (clone: DM109) in a linear range of 0.6-80 ng/ml.

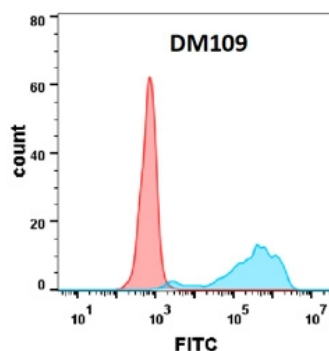


Figure 2. Flow cytometry analysis with Anti-B7-1 (DM109) on Expi293 cells transfected with human B7-1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).