

## 12-9283: Anti-B7-1 antibody(DM109), Rabbit mAb

**Clonality :** Monoclonal  
**Clone Name :** DM109  
**Application :** ELISA,FACS  
**Reactivity :** Human  
**Alternative Name :** CD80,B7,B7-1,B7.1,BB1,CD28LG,CD28LG1,LAB7,B71

### Description

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.

### Product Info

**Amount :** 100 µg  
**Purification :** Purified from cell culture supernatant by affinity chromatography  
**Content :** Not Sterile  
**Storage condition :** Store at -20°C for 12 months (Avoid repeated freezing and thawing)

### Application Note

ELISA 1/5000-10000;FACS 1/100

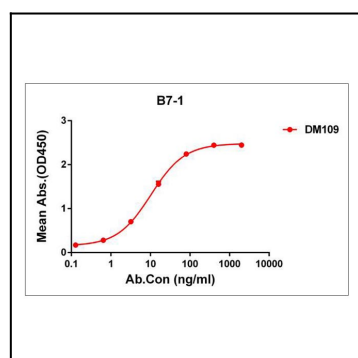


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human B7-1 protein, hFc tagged protein can bind Rabbit anti-B7-1 monoclonal antibody (clone: DM109) in a linear range of 0.6-80 ng/ml.

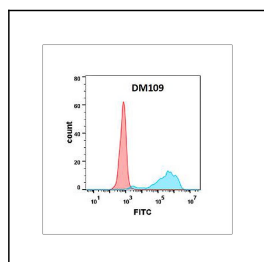


Figure 2. Flow cytometry analysis with Anti-B7-1 (DM109) on Expi293 cells transfected with human B7-1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).