

**DDR1 (DMC480) IGG1 CHIMERIC MAB****Cat.#:** 28256**Product Name:** Anti-DDR1(DMC480) IgG1 Chimeric Monoclonal Antibody**Synonyms:** CAK; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE; MCK-10; HGK2; CD167a**Description:** Anti-DDR1 antibody(DMC480) IgG1 Chimeric Monoclonal Antibody

**Background:** Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth; differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain; and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells; particularly in the kidney; lung; gastrointestinal tract; and brain. In addition; it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq; Feb 2011]

**Applications:** Flow Cyt**Recommended Dilutions:** Flow Cyt 1:100**Host Species:** Rabbit**Isotype:** Rabbit:Human Fc chimeric IgG1**Purification:** Purified from cell culture supernatant by affinity chromatography**Species Reactivity:** Human DDR1**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).

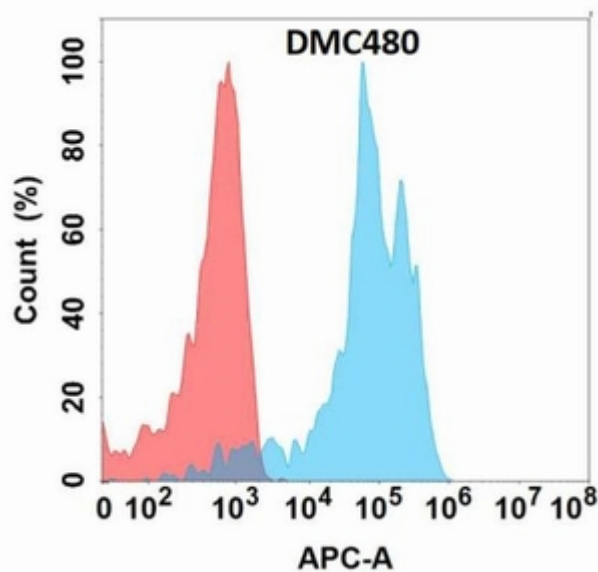


Figure 1. Flow cytometry analysis with Anti-DDR1 (DMC480) on Expi293 cells transfected with human DDR1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).