

**EPHA2 (DM167) RABBIT MAB****Cat.#:** 28510**Product Name:** Anti-EPHA2(DM167) Rabbit Monoclonal Antibody**Synonyms:** ARCC2; CTPA; CTPPI; CTRCT6; ECK**Description:** Anti-EPHA2 antibody(DM167) Rabbit Monoclonal Antibody

**Background:** This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events; particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.

**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 EPHA2**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).

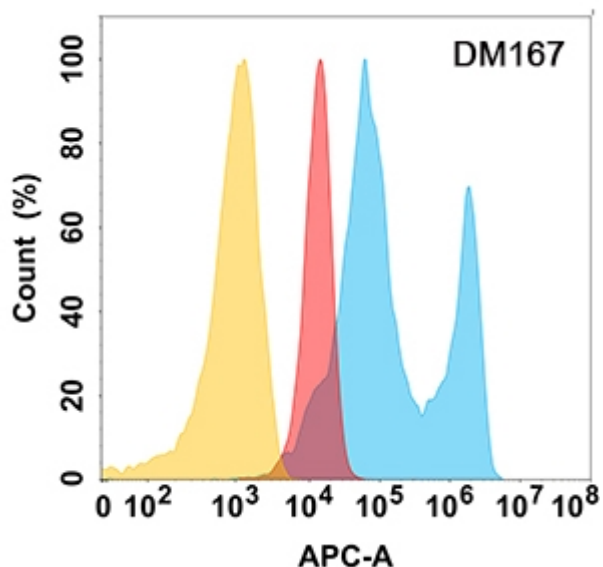


Figure 1. EPHA2 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-EPHA2 (DM167) on Expi293 cells transfected with human EPHA2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).