

12-90470: Anti-ACVRL1 antibody(2A1), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	2A1
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	ACVRL1
Uniprot ID :	P37023
Alternative Name :	ACVRLK1;ALK-1;ALK1;HHT;HHT2;ORW2;SKR3;TSR-I
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

This gene encodes a type I cell-surface receptor for the TGF-beta superfamily of ligands. It shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. The encoded protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Mutations in this gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2. [provided by RefSeq, Jul 2008]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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). Lyophilized proteins are shipped at ambient temperature.

Application Note

Flow Cyt 1/100

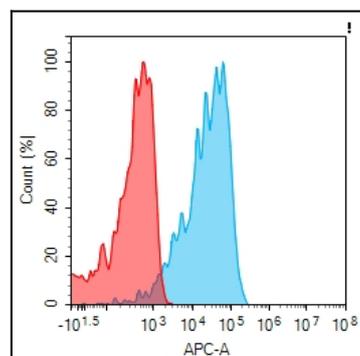


Figure 1. Flow cytometry analysis with 1µg/mL Anti-ACVRL1 (2A1) mAb on HEK293 cells transfected with human ACVRL1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).