Human CD331-hIgG1

Cat No.: 03-01-2175

Product Name: Human CD331-hIgG1

Description: FGFR1 is a member of the fibroblast growth factor receptor (FGFR) family,acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of embryonic development, cell proliferation, differentiation and migration.Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, Trigonocephaly, osteoglophonic dysplasia, squamous cell lung cancer and autosomal dominant Kallmann syndrome.Recent advances in our knowledge of the FGFR1 system has resulted in attempts to discover therapeutic touch points in the pathway for use in drug development. FGFR-targeted drugs exert direct as well as indirect anticancer effects, because FGFRs on cancer cells and endothelial cells are involved in tumorigenesis and vasculogenesis, respectively.[12] FGFR therapeutics are active as FGF affects numerous morphologies of cancers such as invasiveness, stemness and cellular survival. Primary among such drugs are antagonists. Small molecules that fit between the ATP binding pockets of the tyrosine kinase domains of the receptors. For FGFR1

	numerous such small molecules are already approved for targeting of the structure of TKI ATP pocket. These include Dovitinib and Brivanib.
Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	P11362 (aa.22-376)
Applications:	ELISA, WB, Immunogen
Formulation:	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity:	>95%
Storage:	Store at -80°C, Avoid freeze / thaw cycle.
Limitation:	For research use only, not for use in diagnostic procedures.