

Anti-FGFR1/CD331 Antibody

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-FGFR1/CD331 Antibody is a humanized monoclonal antibody targeting fibroblast growth factor receptor 1 (FGFR1/CD331). FGFR1 is a member of the receptor tyrosine kinase (RTK) family, playing a pivotal role in regulating cell proliferation, survival, migration, and angiogenesis. This antibody specifically binds to the extracellular domain of FGFR1, competitively blocking FGF ligand binding and subsequently inhibiting receptor autophosphorylation and the activation of downstream signaling pathways such as MAPK/ERK and PI3K/Akt. This mechanism effectively suppresses tumor growth and pathological hyperplasia driven by aberrant FGFR1 signaling, making it a valuable tool in research on solid tumors and the development of targeted cancer therapies.
Targets(IC50)	FGFR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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