

PRODUCT INFORMATION

Clone ID	7C12
Target	FGFR2IIIb
Synonyms	FGFR2IIIb; BEK; JWS; BBDS; CEK3; CFD1; ECT1; KGFR; TK14; TK25; BFR-1; CD332; K-SAM
Host Species	Rabbit
Description	Anti-FGFR2IIIb antibody(7C12), Rabbit mAb
Delivery	In Stock
Uniprot ID	P21802-3
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA
Recommended Dilutions	ELISA 1/5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Powder
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).
Background	The protein encoded by this gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jan 2009]
Usage	Research use only
Conjugate	Unconjugated



**Anti-FGFR2IIIb antibody(7C12), Rabbit mAb ELISA**  
**0.1µg of Human FGFR2IIIb, His tagged protein per well**

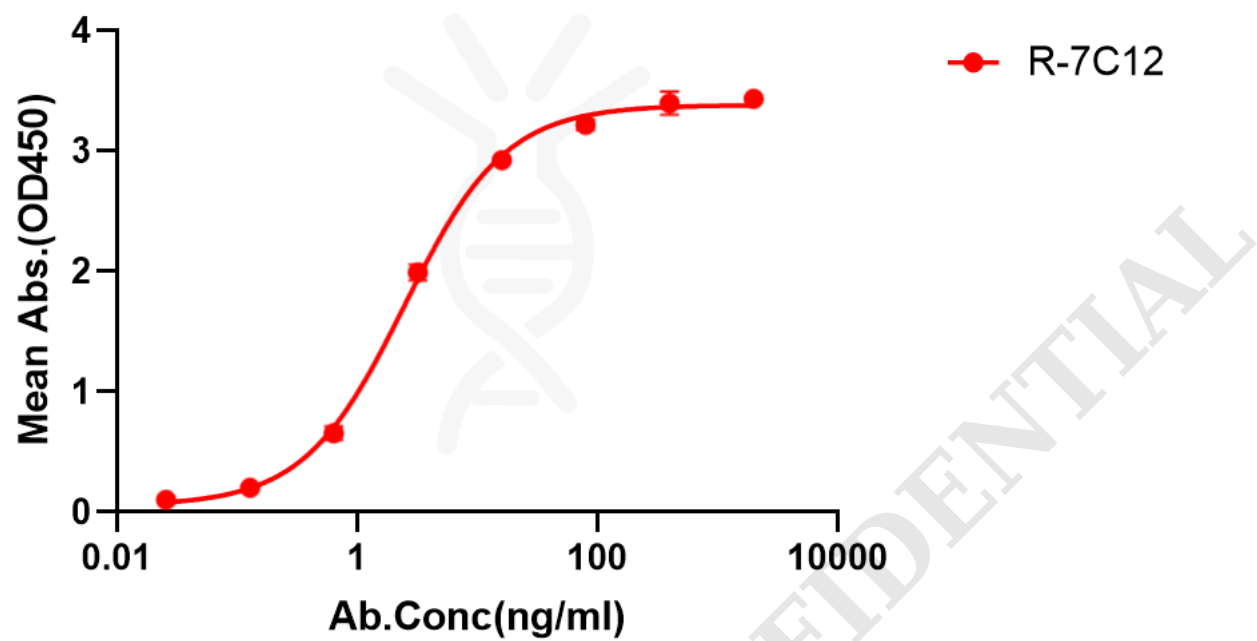


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human FGFR2IIIb Protein, His Tag can bind Rabbit anti-FGFR2IIIb monoclonal antibody(clone: 7C12) in a linear range of 0.64-16 ng/ml.

