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Anti-DKK1 Reference Antibody (BHQ-880)

Recombinant Antibody
Catalog # APR10701

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O94907
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	28672

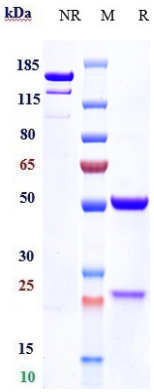
Additional Information

Target/Specificity	DKK1
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

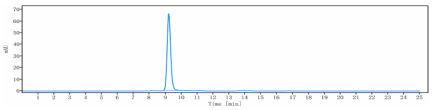
Protein Information

Name	DKK1
Function	Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6 (PubMed:22000856). DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (PubMed:17143291). Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity (By similarity).
Cellular Location	Secreted.
Tissue Location	Placenta.

Images



Anti-DKK1 Reference Antibody (BHQ-880) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-DKK1 Reference Antibody (BHQ-880) is 100%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.