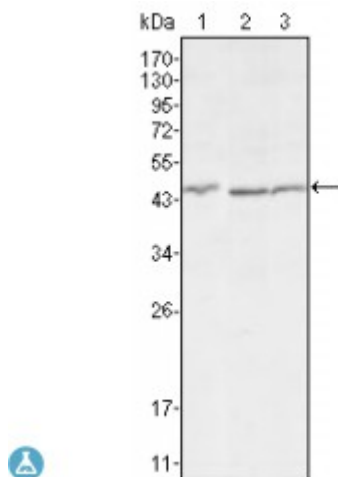


Anti-Dkk-3 antibody



Description	Mouse monoclonal to Dkk-3.
Model	STJ98001
Host	Mouse
Reactivity	Human, Simian
Applications	ELISA, FC, WB
Immunogen	Purified recombinant fragment of human Dkk-3 expressed in E. Coli.
Gene ID	27122
Gene Symbol	DKK3
Dilution range	WB 1:500-1:2000FC 1:200-1:400ELISA 1:10000
Specificity	Dkk-3 Monoclonal Antibody detects endogenous levels of Dkk-3 protein.
Tissue Specificity	Highest expression in heart, brain, and spinal cord.
Purification	Affinity purification
Clone ID	4G7
Note	For Research Use Only (RUO).
Protein Name	Dickkopf-related protein 3 Dickkopf-3 Dkk-3 hDkk-3
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2893OMIM:605416
Alternative Names	Dickkopf-related protein 3 Dickkopf-3 Dkk-3 hDkk-3
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. 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 .
Sequence and Domain Family	The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.
Cellular Localization	Secreted.
Post-translational Modifications	N- and O-glycosylated.

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