

DKK3 Ab

Cat.#: BF0009
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 38.3kDa
Clonality: Monoclonal

Application: ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, FCM 1/200 - 1/400

Reactivity: Human

Purification: Affinity-chromatography.

Specificity: DKK3 Ab detects endogenous levels of total DKK3.

Immunogen: Purified recombinant fragment of human DKK3 expressed in E. Coli.

Uniprot: Q9UBP4

Description: This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding the same protein.

Subcellular Location: Secreted.

Tissue Specificity: Highest expression in heart, brain, and spinal cord.

Similarity: The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6. Belongs to the dickkopf family.

Storage Condition and Buffer: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

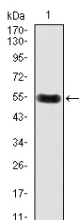


Figure 1: Western blot analysis using DKK3 mAb against human DKK3 recombinant protein. (Expected MW is 54.4 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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