

## DKK2 monoclonal antibody

Catalog: MB67237

Host: Mouse

Reactivity: Human, Mouse

### BackGround:

Dickkopf (DKK) family proteins consist of four members DKK1, DKK2, DKK3 and DKK4 that function as secreted Wnt antagonists by inhibiting Wnt coreceptors LRP5 and LRP6. DKKs contain two cysteine-rich domains in which the positions of 10 cysteine residues are well conserved. Their expression is both temporally and spatially regulated during animal development. DKKs also bind with high affinity to transmembrane proteins Kremen1 and 2, which themselves also modulate Wnt signaling. DKK2 plays a role in osteoblast terminal differentiation and formation of mineralized matrix and is required for differentiation of non-keratinizing stratified epithelium from the corneal epithelial progenitors.

### Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 27 kDa

### Swiss-Prot:

Q9UBU2

### Purification&Purity:

This antibody is purified through a protein G column.

### Applications:

WB (1/500 - 1/1000)

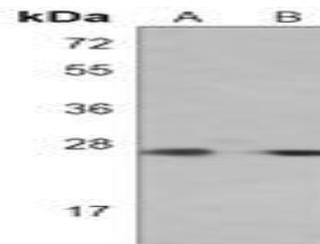
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of DKK2 protein.

### DATA:



Western blot analysis of DKK2 expression in human brain (A), mouse heart (B) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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