

## Product datasheet for **AM06401SU-N**

### DKK3 Mouse Monoclonal Antibody [Clone ID: 4G7]

#### Product data:

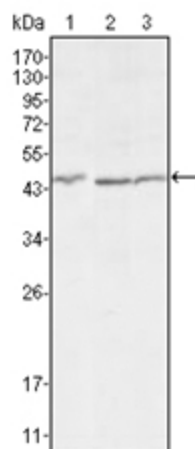
Product Type:	Primary Antibodies
Clone Name:	4G7
Applications:	ELISA, FC, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000. <b>Flow Cytometry:</b> 1/200 - 1/400.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human DKK3 expressed in E. Coli.
Specificity:	Recognizes Dkk-3 (Dickkopf-3).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	38 kDa
Gene Name:	dickkopf WNT signaling pathway inhibitor 3
Database Link:	<a href="#">Entrez Gene 27122 Human Q9UBP4</a>
Background:	Dkk-3 (Dickkopf-3) is a member of the dickkopf family. It is a 350 amino acid secreted glycoprotein that is composed of an N-terminal signal peptide and two conserved cysteine-rich domains, which are separated by a 12 amino acid linker region. This secreted protein 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.



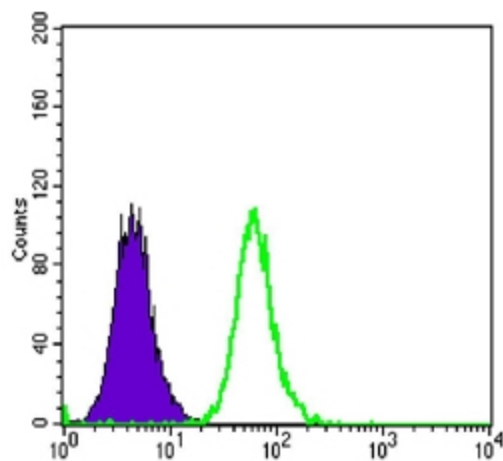
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Synonyms: Dickkopf-related protein 3, Dkk-3, REIC

### Product images:



Western blot analysis using DKK3 antibody Cat.-No AM06401SU-N against HEK293 (Lane 1), MCF-7 (Lane 2) and HL7702 (Lane 3) cell lysate.



Flow Cytometric analysis of MCF-7 cells using anti-DKK3 antibody Cat.-No AM06401SU-N (green) and negative control (purple).