

Dkk-3 Monoclonal Antibody

Catalog No :	YM0199
Reactivity :	Human;Monkey
Applications :	WB;FCM;ELISA
Target :	Dkk-3
Gene Name :	DKK3
Protein Name :	Dickkopf-related protein 3
Human Gene Id :	27122
Human Swiss Prot No :	Q9UBP4
Mouse Swiss Prot No :	Q9QUN9
Immunogen :	Purified recombinant fragment of human Dkk-3 expressed in E. Coli.
Specificity :	Dkk-3 Monoclonal Antibody detects endogenous levels of Dkk-3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. Flow cytometry: 1:200 - 1:400. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	38kD
P References :	1. Virchows Arch. 2009 Jun;454(6):639-46. 2. Gene. 2002 Jan 9;282(1-2):151-8. 3. J Urol. 2004 Mar;171(3):1314-8.

Background : 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. [provided by RefSeq, Jul 2008],

Function : function:Inhibitor of Wnt signaling pathway .,PTM:N-glycosylated.,similarity:Belongs to the dickkopf family.,tissue specificity:Highest expression in heart, brain, and spinal cord.,

Subcellular Location : Secreted.

Expression : Highest expression in heart, brain, and spinal cord.

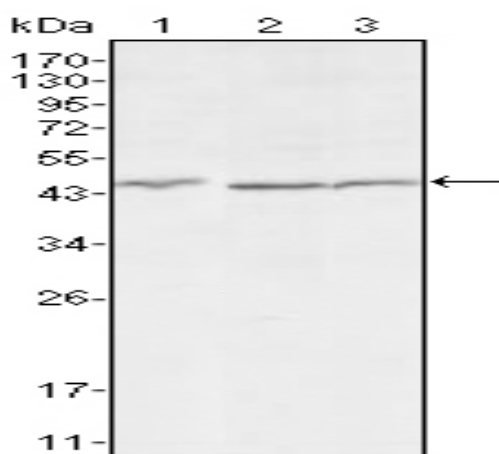
Sort : 5151

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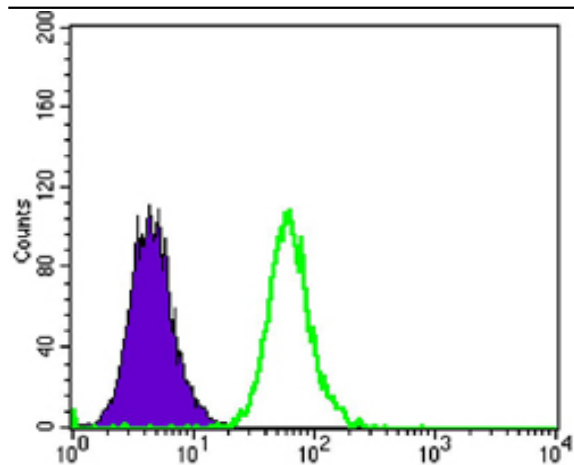
Host : Mouse

Modifications : Unmodified

Products Images



Western Blot analysis using Dkk-3 Monoclonal Antibody against HEK293 (1), MCF-7 (2) and HL7702 (3) cell lysate.



Flow cytometric analysis of MCF-7 cells using Dkk-3 Monoclonal Antibody (green) and negative control (purple).