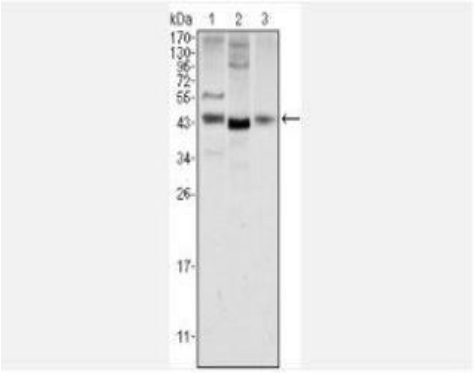
PRODUCT DATA SHEET

Wnt-1 Monoclonal Antibody

Catalog No.	IMB0147
Reactivity	Human;Mouse
Applications	WB; IHC-p; IF/ICC; FCM; ELISA
Gene Name	WNT1
Protein Name	Proto-oncogene Wnt-1
Human Gene Id	7471
Swiss-Prot	P04628
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 IHC: 1:200-1:1000 IF: 1:200-1:1000 FCM: 1:200-1:400 ELISA: 1:10000
PurIF:ication	Affinity purIF:ication
Concentration	-
Storage&Stability	-20°C/1 year
Background	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is very conserved in evolution, and the protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a signIF:icant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in
Subcellular Location.	Secreted, extracellular space, extracellular matrix. Secreted.
BiowMW	-

Products Images:



Western Blot analysis using Wnt-1 Monoclonal Antibody against NIH/3T3 (1), 3T3L1 (2) and HeLa (3) cell lysate.

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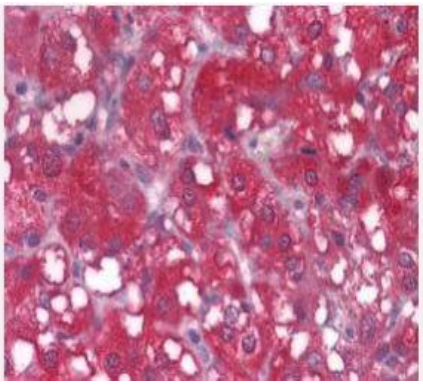
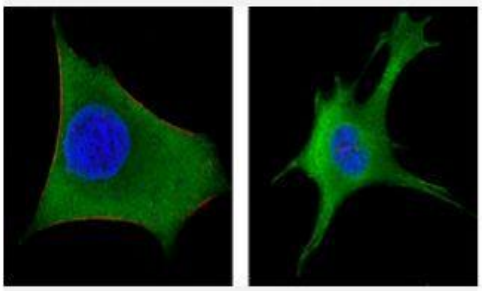
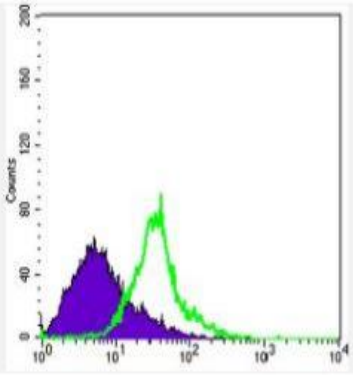


Immunohistochemistry analysis of paraffin-embedded human LAdrenal tissues with AEC staining using Wnt-1 Monoclonal Antibody.



Confocal immunofluorescence analysis of Hela (left) and 3T3-L1 (right) cells using Wnt-1 Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Hela cells using Wnt-1 Monoclonal Antibody (green) and negative control (purple).