



GDF-3 Monoclonal Antibody

Catalog No	YP-mAb-16060
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GDF3
Immunogen	Synthesized peptide derived from Growth/differentiation factor 3 at AA range: 311-360
Specificity	GDF-3 Monoclonal Antibody detects endogenous levels of GDF-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C78318;ecat9;GDF 3;GDF-3;GDF3;GDF3_HUMAN;Growth differentiation factor 3;Growth/differentiation factor 3;KFS3;MCOP7;MCOPCB6;MGC12399;MGC123991;RGD1564178;Vgr 2;Vgr2
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Secreted . Cytoplasm . Mainly accumulated in the cytoplasm. .
Tissue Specificity	Kidney,
Function	online information:GDF3 entry,similarity:Belongs to the TGF-beta family., subunit:Homodimer or heterodimer (Potential). But, in contrast to other members of this family, cannot be disulfide-linked.,
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein plays a role ocular and skeletal development.



Mutations in this gene are associated with microphthalmia, coloboma, and skeletal abnormalities in human patients. [provided by RefSeq, Aug 2016],

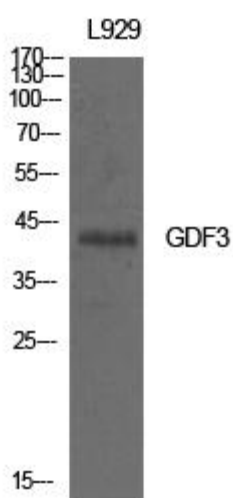
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GDF-3 Monoclonal Antibody