



# GDF-3 Monoclonal Antibody

Catalog No	BYmab-16060
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GDF3
Protein Name	Growth/differentiation factor 3
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GDF3; Growth/differentiation factor 3; GDF-3
Observed Band	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

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abnormalities in human patients. [provided by RefSeq, Aug 2016],

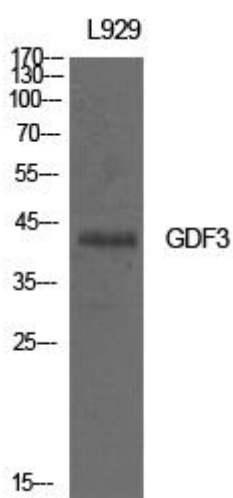
**matters needing attention**

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

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