

ARG45358
anti-GDF-3 antibody [9B27]Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [9B27] recognizes GDF-3
Tested Reactivity	Ms
Tested Application	IHC-P
Host	Rat
Clonality	Monoclonal
Clone	9B27
Isotype	IgG2
Target Name	GDF-3
Species	Mouse
Immunogen	Recombinant Mouse GDF-3.
Conjugation	Un-conjugated
Alternate Names	Ifngr1; Ifgr; CD119; Ifngr; Nktar; IFN-gammaR; Interferon gamma Receptor 1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

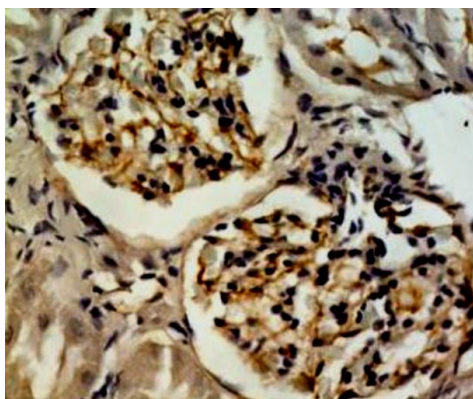
Properties

Form	Powder
Purification	Protein G/A chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GDF-3
Gene Full Name	growth differentiation factor 3
Background	GDF-3 is a member of the TGF- β superfamily of growth and differentiation factors, and is highly homologous to GDF-9. Unlike most TGF- β family members, GDF-3 and GDF-9 are not disulfide-linked dimers. GDF-3 is expressed in adult bone marrow, spleen, thymus, and adipose tissue. The expression of GDF-3 is upregulated in high-fat-fed wild-type FABP4/aP2 null mice and was associated with obesity, but not with the related hyperglycemia/hyperinsulinemia which characterizes Type-2 diabetes. Anti-human GDF-3 polyclonal antibody contains 114 amino acids.
Function	Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor CRIPTO
Calculated Mw	42 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Cytoplasm; Secreted. [UniProt]

Images



ARG45358 anti-GDF-3 antibody [9B27] IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45358 anti-GDF-3 antibody [9B27].
