GDF9 Antibody [clone GDF9/4262] (V8672)

Catalog No.	Formulation	Size
V8672-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8672-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8672SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rat
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG1
Clone Name	GDF9/4262
Purity	Protein G affinity chromatography
UniProt	O60383
Localization	Cytoplasmic (secreted)
Applications	ELISA: order Ab without BSA for coating Western blot: 1-2ug/ml
Limitations	This GDF9 antibody is available for research use only.



Description

GDF9 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Growth factors synthesized by ovarian somatic cells directly affect oocyte growth and function. GDF9 is expressed in oocytes and is thought to be required for ovarian folliculogenesis.

For studies involving ovarian follicle development, oocyte-derived signaling, and reproductive endocrine regulation, see our GDF9 Antibody / Ovarian Follicle Development Marker.

Application Notes

Optimal dilution of the GDF9 antibody should be determined by the researcher.

Immunogen

Amino acids KKPLGPASFNLSEYFC from the N-Terminal region of the human protein were used as the immunogen for the GDF9 antibody.

Storage

Store the GDF9 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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