Recombinant GDF9 (Growth Differentiation Factor 9) Antibody

Rabbit Monoclonal Antibody [Clone GDF9/16917R]

Catalog No	Format	Size
2661-RBM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2661-RBM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2661-RBM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	GDF9/16917R
Immunogen	Recombinant fragment corresponding to the c-terminal region of the human GDF9 (Growth Differentiation Factor 9) protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	51.44kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Expressed in ovarian granulosa cells

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant GDF9 (Growth Differentiation Factor 9) Antibody

Specificity & Comments

Required for ovarian folliculogenesis. Promotes primordial follicle development. Stimulates granulosa cell proliferation. Promotes cell transition from G0/G1 to S and G2/M phases, through an increase of CCND1 and CCNE1 expression, and RB1 phosphorylation. It regulates STAR expression and cAMP-dependent progesterone release in granulosa and thecal cells. Attenuates the suppressive effects of activin A on STAR expression and progesterone production by increasing the expression of inhibin B. It suppresses FST and FSTL3 production in granulosa-lutein cells.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.