

Anti-Growth Differentiation Factor 9 [53/1]

Catalogue number: 153651

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: BioServ UK Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Growth Differentiation Factor 9 [53/1]

Alternate name: Growth/differentiation factor 9, GDF-9, GDF9

Class: Monoclonal

Conjugate: Unconjugated

Description: GDF9 is plays a vital role in ovarian folliculogenesis, follicle development and fertility. Clone 53/1 can be used in assays to detect oocyte expression and has been shown to neutralize GDF9 biological activity.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Tuberculin coupled peptide with sequence VPAKYSPLSVLTIEPDGSIAYKEYEDMIATKC that recognizes an epitope with the EPDG sequence near the C-terminal region of human GDF9

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Ovary

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Growth Differentiation Factor 9

Target alternate names:

Target background: GDF9 is plays a vital role in ovarian folliculogenesis, follicle development and fertility. Clone 53/1 can be used in assays to detect oocyte expression and has been shown to neutralize GDF9 biological activity.

Molecular weight: 17.5 kDa

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Bone morphogenetic protein 15 in the pro-mature complex form enhances bovine oocyte developmental competence. ; Sudiman et al. 2014. PLoS One. 9(7):e103563. PMID: 25058588. ; Al-Musawi et al. 2013. Endocrinology. 154(2):888-99. PMID: 23284103. ; Species differences in the expression and activity of bone morphogenetic protein 15. ; Pulkki et al. 2011. Mol Cell Endocrinol. 332(1-2):106-15. PMID: 20937357. ; The bioactivity of human bone morphogenetic protein-15 is sensitive to C-terminal modification: characterization of the purified untagged processed mature region.

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