

# Product Datasheet

## **GDF-9 Antibody (GDF9/4261) [DyLight 550] NBP3-08362R**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08362R**

GDF-9 Antibody (GDF9/4261) [DyLight 550]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	GDF9/4261
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	DyLight 550
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	2661
Gene Symbol	GDF9
Species	Human
Specificity/Sensitivity	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. GDF9/4261 can be used in assays to detect oocyte expression and has been shown to neutralize GDF9 biological activity.
Immunogen	Tuberculin coupled peptide with sequence VPAKYSPLSVLTIEPDGSIAYKEYEDMIATKC that recognizes an epitope with the EPDG sequence near the C-terminal region of human GDF-9. (Uniprot: O60383)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08362R**

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NBP1-97005R	Mouse IgG1 Isotype Control (MG1) [DyLight 550]
NBP2-49589PEP	GDF-9 Recombinant Protein Antigen
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
739-G9-010/CF	GDF-9 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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