

Anti-GDF-3 Antibody (5D320)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5D320
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human GDF3 in human testis with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human GDF3 in human breast carcinoma with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).
	3. Immunofluorescence staining of GDF3 in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human GDF3 monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.
Application:	ICC/IF, IHC-P
Recommended	IHC-P: 1:50-1:200; ICC-IF: 1:20-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: center region of the Human GDF-3
Antigen Species:	Human
Synonyms:	UNQ222/PRO248;MCOPCB6;MCOP7;KFS3
Biology Area:	Early Mesodermal Lineage Markers

Research Background

The GDF3 gene plays a fundamental role in embryonic morphogenesis. GDF3 expression is significantly decreased in human breast cancer tissues, and reconstitution of GDF3 in breast cancer may be a potential therapeutic approach to inhibit aggressive growth of breast cancer.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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