

Rabbit anti-Human GDF3 Monoclonal Antibody | anti-GDF3 antibody

Recombinant Anti-GDF3 Antibody, Rabbit Monoclonal

CATALOG # AAA254201	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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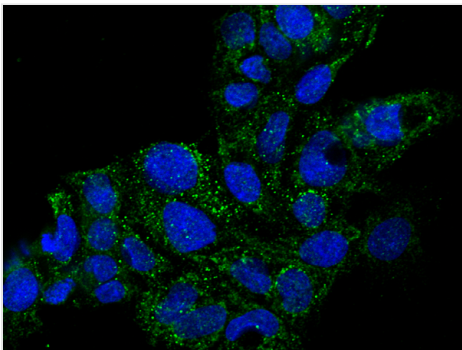
PRODUCT SYNONYMS

GDF3; Monoclonal Antibody; Recombinant Anti-GDF3 Antibody; Rabbit Monoclonal; GDF-3 Antibody; Rabbit MAb; growth differentiation factor 3; Anti-KFS3 Antibody; Anti-MCOP7 Antibody; Anti-MCOPCB6 Antibody; anti-GDF3 antibody

PRODUCT SPECIFICATIONS

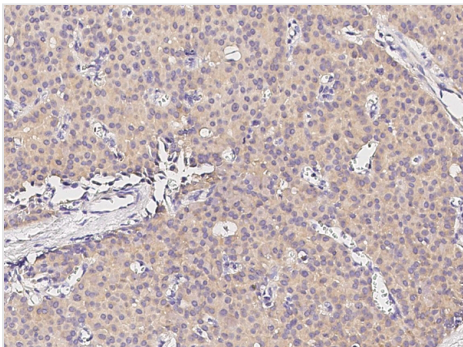
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	010
Specificity	Human GDF-3
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GDF3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to the center region of the Human GDF-3
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with a synthetic peptide corresponding to the center region of the Human GDF-3. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



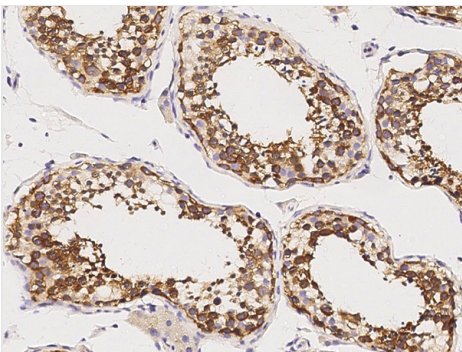
IF (Immunofluorescence)

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 degree 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.



IHC (Immunohistochemistry)

Immunochemical staining of human GDF3 in human breast carcinoma with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human GDF3 in human testis with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-GDF3 antibody	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.
Product Categories/Family for anti-GDF3 antibody	Early Mesodermal Lineage Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	10190670
NCBI GeneID	9573
NCBI Accession #	NP_065685.1
NCBI GenBank Nucleotide #	NM_020634.1
UniProt Accession #	Q9NR23 ; Q8NEJ4
Molecular Weight	41,387 Da
NCBI Official Full Name	growth/differentiation factor 3
NCBI Official Synonym Full Names	growth differentiation factor 3
NCBI Official Symbol	GDF3

NCBI Official Synonym Symbols	KFS3; MCOP7; MCOPCB6
NCBI Protein Information	growth/differentiation factor 3; GDF-3
UniProt Protein Name	Growth/differentiation factor 3
UniProt Gene Name	GDF3
UniProt Synonym Gene Names	GDF-3
UniProt Entry Name	GDF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/gdf3-antibody-clone-010-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254201>