MAC109Hu21

Monoclonal Antibody to Growth Differentiation Factor 3 (GDF3)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PRODUCT INFORMATION]

Immunogen: GDF3, Human
Clonality: Monoclonal
Clone number: C5
Host: Mouse
Immunoglobulin Type: IgG1 Kappa
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 500μg/mL
UOM: 200μg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant GDF3 (Ala251~Gly364) with N-terminal His-Tag expressed in *E.coli*.
Accession No.: RPC109Hu01

[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against GDF3. It has been selected for its ability to recognize GDF3 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant GDF3 (Ala251~Gly364) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (ECL).

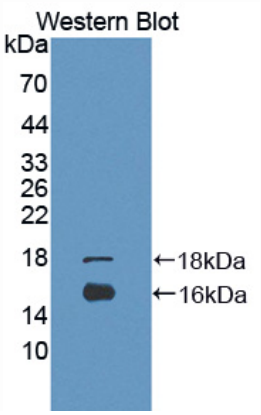
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[IMAGES]



Used in Western Blot, Sample:
Recombinant GDF3, Human