

## Anti-GPD2 Antibody (Detection)

| Catalog #           | Source                                                                                                     | Reactivity        | Applications |
|---------------------|------------------------------------------------------------------------------------------------------------|-------------------|--------------|
| CAP1467-D           | Mouse                                                                                                      | H                 | SE           |
| Description         | Mouse monoclonal detection antibody to GPD2                                                                |                   |              |
| Immunogen           | Recombinant protein of human GPD2                                                                          |                   |              |
| Purification        | The antibody was purified by Protein A/G affinity chromatography.                                          |                   |              |
| Specificity         | Recognizes native and recombinant human GPD2 protein                                                       |                   |              |
| Clonality           | Monoclonal                                                                                                 |                   |              |
| Conjugation         |                                                                                                            |                   |              |
| Form                | Mouse IgG1. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 0.09% Sodium Azide.                         |                   |              |
| Dilution            |                                                                                                            |                   |              |
| Gene Symbol         | GPD2                                                                                                       |                   |              |
| Alternative Names   | Glycerol-3-phosphate dehydrogenase, mitochondrial; GPD-M; GPDH-M; mtGPD                                    |                   |              |
| Entrez Gene (Human) | Entrez Gene (Mouse)                                                                                        | Entrez Gene (Rat) |              |
| 2820                |                                                                                                            |                   |              |
| SwissProt (Human)   | SwissProt (Mouse)                                                                                          | SwissProt (Rat)   |              |
| P43304              |                                                                                                            |                   |              |
| Directions for Use  | Recommmended pair for sandwich immunoassay - Capture: CAP1467-C;<br>Recommmended standard protein: CST1467 |                   |              |
| Storage/Stability   | Shipped at 4°C. Upon delivery aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.             |                   |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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