

## GAPDH Monoclonal Antibody | anti-GAPDH antibody

GAPDH Monoclonal Antibody

|                               |                                        |                                                         |
|-------------------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA108669</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

GAPDH; Monoclonal Antibody; GAPDH Monoclonal Antibody; anti-GAPDH antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                     |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                            |
| Clone Number                                    | 1D4                                                                                                                                                                                                                                                                   |
| Form/Format                                     | 1mg/ml in PBS, pH 7.4 with 0.05% sodium azide. Frozen liquid.                                                                                                                                                                                                         |
| Sequence Length                                 | 333                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-GAPDH antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                                                                                                                                            |
| Immunogen                                       | Purified pig GAPDH.                                                                                                                                                                                                                                                   |
| Preparation and Storage                         | Stable for 1 year at -20 degree C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to opening the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4 degree C for 3 months. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of GAPDH in SY-SY5Y cells, counterstained with Hoechst DNA dye.



#### WB (Western Blot)

Application of the GAPDH antibody as a protein loading control in Western blots. Total proteins for HeLa, Jurkat and Daudi were blotted with GAPDH monoclonal antibody.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-GAPDH antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Cummings J, et al. (2005) Br J Cancer; 92 (3): 532-538.                                                                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|                     |                                |
|---------------------|--------------------------------|
| NCBI GI #           | 122065190                      |
| NCBI GeneID         | 108351137                      |
| UniProt Accession # | P04797; P09328; Q5M916; Q9QWU4 |
| Molecular Weight    | 35,828 Da                      |

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI Official Full Name          | Glyceraldehyde-3-phosphate dehydrogenase |
| NCBI Official Synonym Full Names | glyceraldehyde-3-phosphate dehydrogenase |
| NCBI Official Symbol             | LOC108351137                             |
| NCBI Protein Information         | glyceraldehyde-3-phosphate dehydrogenase |
| UniProt Protein Name             | Glyceraldehyde-3-phosphate dehydrogenase |
| UniProt Gene Name                | <b>Gapdh</b>                             |
| UniProt Synonym Gene Names       | Gapd; GAPDH                              |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gapdh-antibody-clone-1d4-immunofluorescence-western-blot-elisa/108669>