

## G6D monoclonal antibody

Catalog: MB23059

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

### Background:

LY6G6D belongs to a cluster of leukocyte antigen-6 (LY6) genes located in the major histocompatibility complex (MHC) class III region on chromosome 6. Members of the LY6 superfamily typically contain 70 to 80 amino acids, including 8 to 10 cysteines. Most LY6 proteins are attached to the cell surface by a glycosylphosphatidylinositol (GPI) anchor that is directly involved in signal transduction (Mallya et al., 2002 [PubMed 12079290]). [supplied by OMIM, Apr 2009]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

13.7kDa

### Swiss-Prot:

O95868

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IF:1/200 - 1/1000 FC:1/200 - 1/400

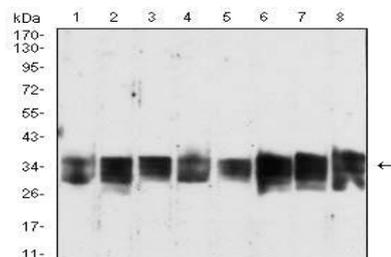
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

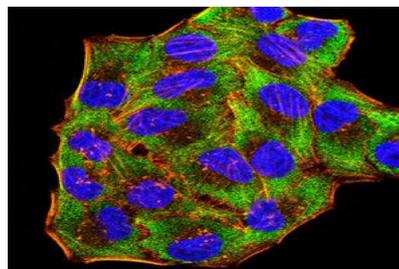
### Isotype:

Mouse IgG1

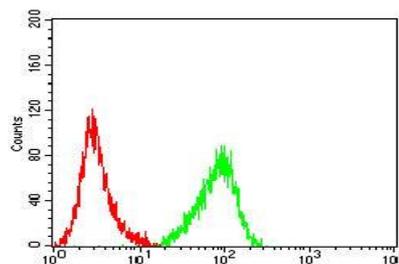
### DATA:



Western blot analysis using G6D mouse mAb against Jurkat (1), MCF-7 (2), A549 (3), K562 (4), HeLa (5), C6 (6), COS-7 (7), and NIH/3T3 (8) cell lysate.



Immunofluorescence analysis of HeLa cells using G6D mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Jurkat cells using G6D mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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