

## ARG1 monoclonal antibody

Catalog: MB23039

Host: Mouse

Reactivity: Human

### BackGround:

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic cross-reactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

34.7kDa

### Swiss-Prot:

P05089

### 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:

IHC:1/200-1/1000 FC:1/200-1/400

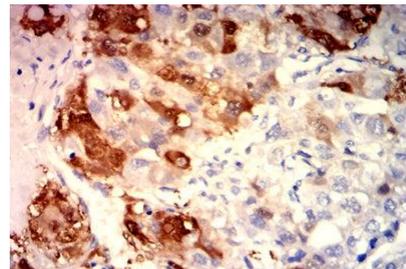
### Storage&Stability:

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

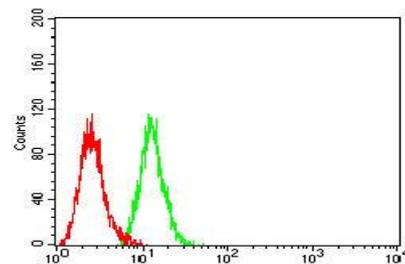
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using ARG1 mouse mAb with DAB staining.



Flow cytometric analysis of BEL-7402 cells using ARG1 mouse mAb (green) and negative control (red).

### Note:

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

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