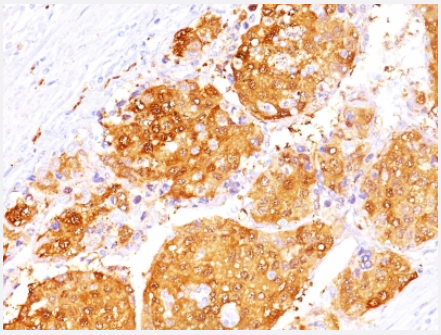
ARG1 monoclonal antibody, clone ARG1/1125 + ARG1/1126

Catalog # MAB21111 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Hepatocellular Carcinoma using ARG1 monoclonal antibody, clone ARG1/1125 + ARG1/1126.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ARG1.
Immunogen	Recombinant protein corresponding to 87 residues around amino acid 1-150 human ARG1
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin-fixed) (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 2 to 8°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Hepatocellular Carcinoma using ARG1 monoclonal antibody, clone ARG1/1125 + ARG1/1126.

- Immunofluorescence

- Flow Cytometry

Gene Info — ARG1

Entrez GeneID	383
Protein Accession#	P11215
Gene Name	ARG1
Gene Alias	-
Gene Description	arginase, liver
Omim ID	207800 608313
Gene Ontology	Hyperlink
Gene Summary	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mam malian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity 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. Inh erited deficiency of this enzyme results in argininemia, an autosomal recessive disorder character ized by hyperammonemia. [provided by RefSeq
Other Designations	A-I|OTTHUMP00000017209|arginase, type I

Pathway

- Arginine and proline metabolism
- Biosynthesis of alkaloids derived from ornithine

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- Metabolic pathways

Disease

- Asthma
- Atherosclerosis
- Bronchiolitis
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Helicobacter Infections
- Hypersensitivity
- Infant
- Inflammation
- Lung Neoplasms
- Myocardial Infarction
- Precancerous Conditions
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms

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