Arginase 1 (Hepatocellular Carcinoma Marker) Antibody

Mouse Monoclonal Antibody [Clone ARG1/9446]

Catalog No	Format	Size
383-MSM16-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
383-MSM16-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
383-MSM16-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

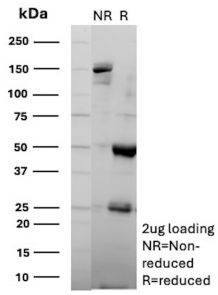
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

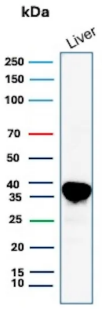
Clone	ARG1/9446
Gene Name	ARG1
Immunogen	Recombinant fragment (around aa1-200) of human ARG1 protein(exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	35-38kDa
Cellular Localization	Cytoplasm, Cytoplasmic granule
Species Reactivity	Human
Positive Control	Human Liver

**Optimal dilution for a specific application should be determined.*

Product Images for Arginase 1 (Hepatocellular Carcinoma Marker) Antibody



SDS-PAGE Analysis of Purified ARG1 Mouse Monoclonal Antibody (ARG1/9446). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of human liver tissue lysate using Arginase 1 Mouse Monoclonal Antibody (ARG1/9446).

Specificity & Comments

Recognizes a protein of 35-38kDa, which is identified as Arginase 1 (ARG1). Arginase is a manganese metallo-enzyme that catalyzes the hydrolysis of arginine to generate ornithine and urea. Arginase I and II are isoenzymes, which differ in subcellular localization, regulation, and possibly function. Arginase I is a cytosolic enzyme, which is expressed mainly in the liver as part of the urea cycle, whereas arginase II is a mitochondrial protein found in a variety of tissues. Antibody to ARG-1 labels hepatocytes in normal tissues and granulocytes in peripheral blood. ARG-1 is a sensitive and specific marker for identification of hepatocellular carcinoma.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Immunology, Dendritic Cell Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.