

# Product Datasheet

## Arginase 1/ARG1/liver Arginase Antibody (ARG1/1125 + ARG1/1126) [PerCP] NBP2-48000PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-48000PCP**

Arginase 1/ARG1/liver Arginase Antibody (ARG1/1125 + ARG1/1126) [PerCP]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	ARG1/1125 + ARG1/1126
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG3 Kappa/IgG3 Kappa
<b>Conjugate</b>	PerCP
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	383
<b>Gene Symbol</b>	ARG1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Others not known.
<b>Marker</b>	Hepatocellular Carcinoma Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant human Arginase 1/ARG1/liver Arginase protein fragment (around aa11-97) (exact sequence is proprietary) (Uniprot: P05089 )

**Product Application Details**

<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.
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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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