

Product Datasheet

Arginase 1/ARG1/liver Arginase Antibody (ARG1/1125) [CoraFluor™ 1] NBP2-47998CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-47998CL1

Arginase 1/ARG1/liver Arginase Antibody (ARG1/1125) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	ARG1/1125
Preservative	No Preservative
Isotype	IgG3 Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	383
Gene Symbol	ARG1
Species	Human
Reactivity Notes	Others not known.
Marker	Hepatocellular Carcinoma Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant human Arginase 1/ARG1/liver Arginase protein fragment (around aa11-97) (exact sequence is proprietary) (Uniprot: P05089)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-47998CL1

NBP2-14787PEP	Arginase 1/ARG1/liver Arginase Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
KA1609	Arginase 1/ARG1/liver Arginase Assay Kit (Colorimetric)
M6000B-1	IL-6 [HRP]

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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