

Product Datasheet

Arginase 1/ARG1/liver Arginase Antibody (ARG1/1126)

[DyLight 594]

NBP2-47999DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47999DL594

Arginase 1/ARG1/liver Arginase Antibody (ARG1/1126) [DyLight 594]

| 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. |
| Clonality | Monoclonal |
| Clone | ARG1/1126 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG3 Kappa |
| Conjugate | DyLight 594 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| 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 fragment (around aa11-97) of human Arginase 1/ARG1/liver Arginase protein(exact sequence is proprietary) (Uniprot: P05089) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, 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 NBP2-47999DL594

| | |
|---------------|------------------------------------------------------------|
| NBP1-87490PEP | 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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