Arginase 1 antibody [ARG1/1125]

Cat. No. GTX34415

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Applications	WB, IHC-P, Protein Array
Reactivity	Human, Mouse

References (1)
Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2µg/ml
IHC-P	2-4µg/ml for 30 minutes at RT
Protein Array	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95ºC followed by cooling at RT for 20 minutes.

Not tested in other applications.

Calculated MW	35 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human ARG1 protein fragment (around aa11-97) (exact sequence is proprietary)
Purification	Protein A/G purified
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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Note

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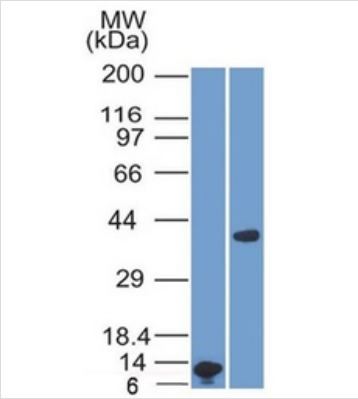
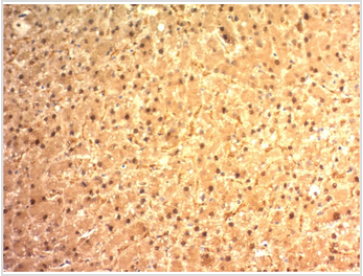
DATA IMAGES



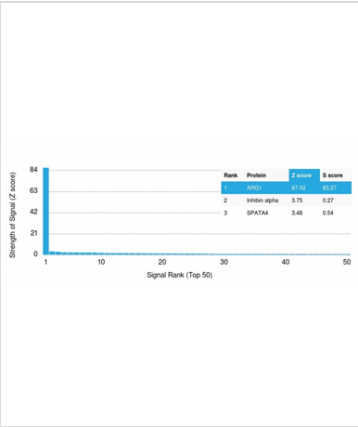
GTX34415 WB Image

WB analysis of (A) recombinant ARG1 Protein Fragment (B) human liver lysates using GTX34415 Arginase 1 antibody [ARG1/1125].



GTX34415 IHC-P Image

IHC-P analysis of human hepatocellular carcinoma tissue using GTX34415 Arginase 1 antibody [ARG1/1125].



GTX34415 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using Arginase-1 Mouse Monoclonal Antibody (ARG1/1125). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.

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