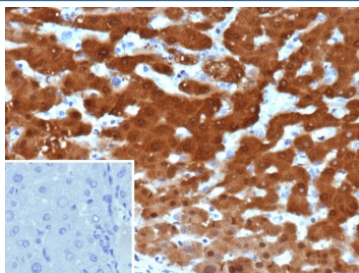


Arginase 1 Antibody / ARG1 [clone ARG1/9448] (V5755)

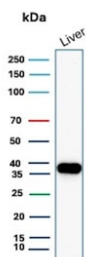
Catalog No.	Formulation	Size
V5755-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5755-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5755SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

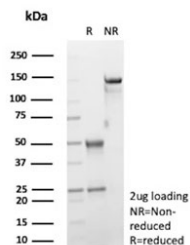
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	ARG1/9448
Purity	Protein G affinity
UniProt	P05089
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This Arginase 1 antibody is available for research use only.



IHC staining of FFPE human hepatocellular carcinoma tissue with Arginase 1 antibody (clone ARG1/9448). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human liver tissue lysate with Arginase 1 antibody (clone ARG1/9447). Predicted molecular weight ~35 kDa.



SDS-PAGE analysis of purified, BSA-free Arginase 1 antibody (clone ARG1/9448) as confirmation of integrity and purity.

Description

Arginase belongs to the ureohydrolase family of enzymes. Arginase catalyzes the fifth and final step in the urea cycle, a series of biochemical reactions in mammals during which the body disposes of harmful ammonia. Specifically, arginase converts L-arginine into L-ornithine and urea. [Wiki]

Application Notes

Optimal dilution of the Arginase 1 antibody should be determined by the researcher.

Immunogen

A recombinant human ARG1 partial protein (within amino acids 11-97) was used as the immunogen for the Arginase 1 antibody.

Storage

Aliquot the Arginase 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.