

Product Datasheet

Arginase 1 Antibody (orb385860)

Description

Arginase catalyzes the hydrolysis of arginine to

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

IHC-P, WB

Applications

Immunogen

A C-terminal recombinant protein fragment from ARG1 was used as the immunogen for the Arginase 1 antibody.

Preservatives

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

Storage

Store the Arginase 1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Note

For research use only

Application notes

Optimal dilution of the Arginase 1 antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Formula

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Isotype

Mouse IgG3, kappa

Clonality

Monoclonal

Purity

Protein G affinity chromatography

Uniprot ID

P05089

Hazard

Information

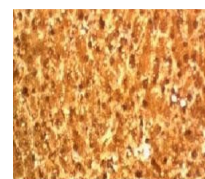
This Arginase 1 antibody is available for research use only.

Dilution Range

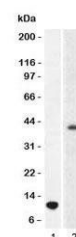
Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT (1), Prediluted IHC only format: incubate for 30 min at RT (2)

Expiration Date

12 months from date of receipt.



Immunohistochemical staining of Human hepatocellular carcinoma tissue



Western blot analysis of partial recombinant Arginase 1 protein