

Arginase

Specification:

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia.

Availability:

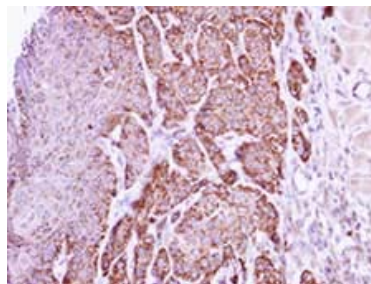
Catalog No.	Contents	Volume
ILP 9618318 C01	Arginase	0,1 ml

Intended use: For research use only

Clone: -

Species of origin: Rabbit

Isotype: IgG



Controle Tissue: Raji whole cell lysate; HeLa cells; Cal27 xenograft; 293T, A431, H1299, HepG2 and Molt-4 cell lines

Staining: Cytoplasmic

Presentation:

Arginase is a rabbit polyclonal antibody from 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative

Application and suggested dilutions:

Staining of formalin-fixed tissues requires no special pre-treatment.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:200)
- Immunohistochemical staining of formaline-fixed, paraffin embedded tissue section (dilution up to 1:100-1:500)
- WB (dilution up to 1:500-1:3000)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilute the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody based detection is recommended

Storage & Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Do not use after expiration date printed on the vial.