



# GOAT ANTI-ARGINASE I ANTIBODY

**SKU:** EB06795



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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias</b>	type I arginase liver-type arginase arginase 1 arginase, type I A-I HGNC:663 arginase, liver ARG1
<b>Names</b>	
<b>Usage</b>	<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of K562 cells.
<b>Summary</b>	Recommended concentration: 10µg/ml.
<b>Accession ID</b>	NP_000036.2; NP_001231367.1; NP_001355949.1
<b>Blocking Peptide</b>	EBP06795
<b>Immunogen</b>	Peptide with sequence CFGLAREGNHKPID, from the C Terminus of the protein sequence according to NP_000036.2; NP_001231367.1; NP_001355949.1.
<b>Product Comments</b>	Please note that ARG1 is not expressed in Human M2 macrophages, but it is in other species (eg rodents).
<b>Peptide Sequence</b>	CFGLAREGNHKPID



<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Dog, Cow, Pig
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	383
<b>Mouse Gene ID</b>	11846
<b>Rat Gene ID</b>	29221
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Liver and Spleen. Recommended concentration: 4-5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:4000.
<b>Western Blot</b>	Approx.37kDa band observed in Human Liver lysates (calculated MW of 34.7kDa according to NP_000036.2) . Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.
<b>Application Type</b>	Pep-ELISA, WB, IF, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES



