

## Arginase 1 antibody

## Cat. No. GTX113131

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, IHC, Sandwich ELISA
Reactivity	Human, Mouse, Rat

References ( 7 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
ELISA	1:1000-1:10000
IHC	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture : GTX634218 / GTX113131, Detection : GTX113131 / GTX634218**

Not tested in other applications.

**Calculated MW** 35 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.33 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Arginase 1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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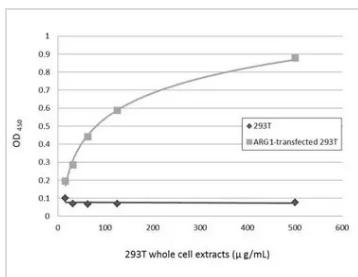
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#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



#### GTX113131 IHC-P Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using GTX113131 as capture antibody at concentration of 5 µg/mL and GTX634218 as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.



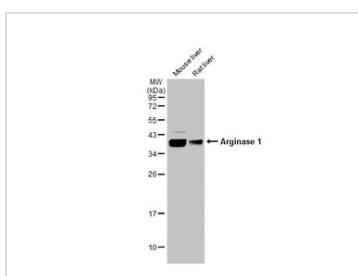
#### GTX113131 IHC-P Image

Arginase 1 antibody detects ARG1 protein at cytosol on Cal27 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded Cal27 xenograft.

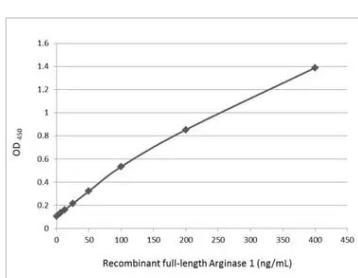
Arginase 1 antibody (GTX113131) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



#### GTX113131 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Arginase 1 antibody (GTX113131) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX113131 ELISA Image

Sandwich ELISA detection of recombinant full-length Arginase 1 protein using GTX113131 as capture antibody at concentration of 5 µg/mL and GTX634218 as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.



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