

Anti-ARG1 antibody (1-322) (STJ26182)

STJ26182

GENERAL INFORMATION

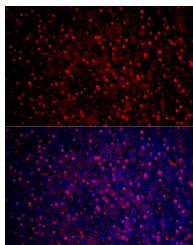
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

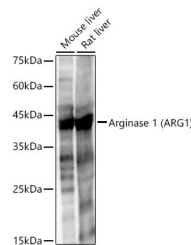
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	383
Gene Symbol	ARG1
Uniprot ID	ARG1_HUMAN
Immunogen	
Immunogen Region	1-322
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-322 of human Arginase 1 (ARG1) (NP_000036.2).
Immunogen Sequence	MSAKSRTIGIIGAPFSKGQP RGGVEEGPTVLRKAGLLEKL KEQECDVKDYGDLPFADIPN DSPFQIVKNPRSVGKASEQL AGKVAEVKKNGRISLVGGD HSLAIGSISGHARVHPDLGV IWVDAHTDINTPLTTTSGNL HGQPVSFLLKELKGKIPDVP GFSWVTPCISAKDIVYIGLR DVDPGEHYILKTLGKYFSM TEVDRLGIGKVMETLSYLL GRKKRPIHLSFDDVDGLDPS



Immunofluorescence analysis of paraffin-embedded human liver cancer using Arginase 1 (ARG1) Rabbit polyclonal antibody (STJ26182) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Arginase 1 (ARG1) Rabbit polyclonal antibody (STJ26182) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: A 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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