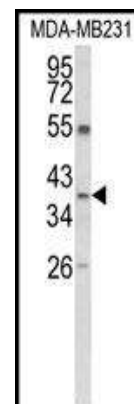


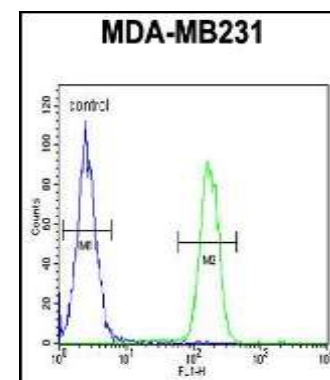
ARG1 Polyclonal Antibody

CATALOG NO:	A1080-100
ALTERNATIVE NAMES:	Arginase-1, Liver-type arginase, Type I arginase, ARG1
AMOUNT:	100 µl
IMMUNOGEN:	KLH conjugated synthetic peptide between 293-322 amino acids from the C-terminal region of human ARG1.
MOLECULAR WEIGHT:	34 kDa
HOST/ISOTYPE:	Rabbit IgG
SPECIES REACTIVITY:	Human
PURIFICATION:	This antibody is purified through a protein A column, followed by peptide affinity purification.
FORM:	Liquid
FORMULATION:	Supplied in PBS with 0.09% (W/V) sodium azide.
STORAGE CONDITIONS:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
DESCRIPTION:	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 encoded by this gene, 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.
APPLICATION:	FC: 1:10 – 1:50 WB: 1:1000 IHC-P: 1:50-100

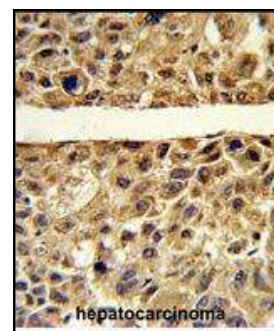
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of ARG1 Antibody in MDA-MB231 cell lysates



Flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram).



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ARG1 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

RELATED PRODUCTS

- CD223 (LAG3) Polyclonal Antibody (Cat. No. A1067-100)
- CD86 Polyclonal Antibody (Cat. No. A1068-100)
- Tim-3 Antibody (Cat. No. 3808-100)
- PD-1/PDCD1 Antibody (Cat. No. 6931-50)
- CD160 Polyclonal Antibody (Cat. No. A1072-100)

FOR RESEARCH USE ONLY! Not to be used on humans.