

KD-Validated Anti-Arg2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

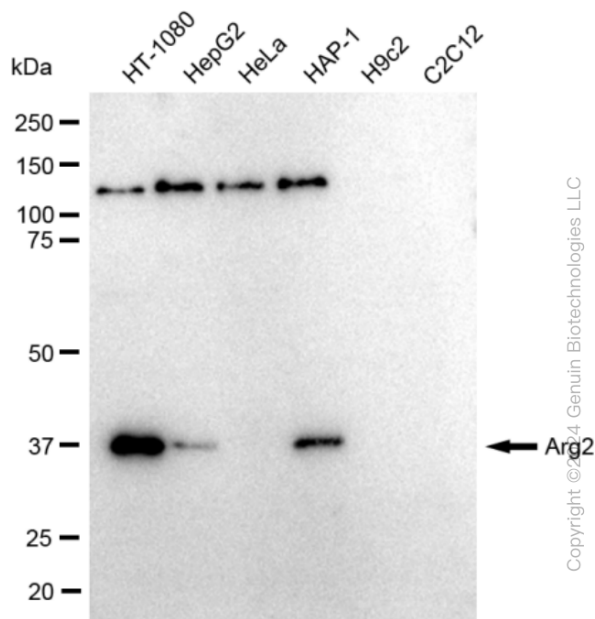
ABG2376

Product Overview

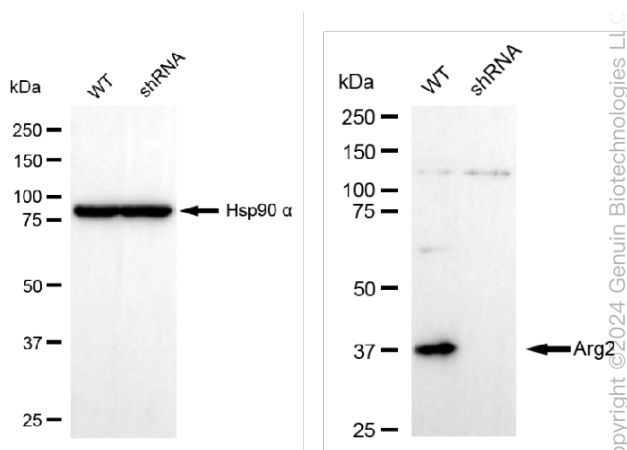
Name	KD-Validated Anti-Arg2 Rabbit Monoclonal Antibody
Accession(Primary)	P78540
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Arg2
Species Reactivity	Human
Calculated MW	Predicted, 39 kDa; Observed, 39 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:2,000-1:10,000 Immunocytochemical (IC): 1:1,000 Flow cytometry (FCM): 1:2,000

Target information (P78540)

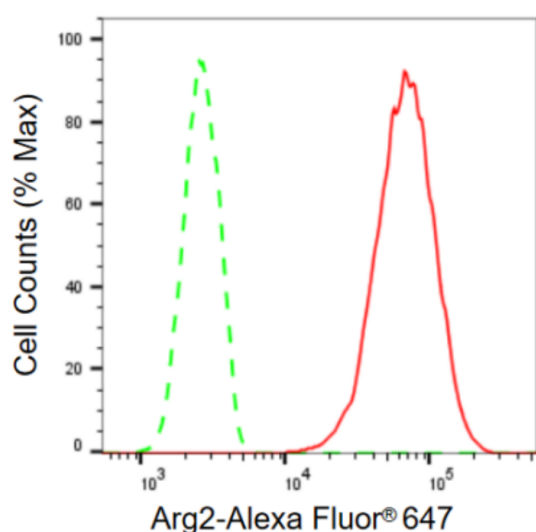
Gene Name	ARG2
About Gene Symbol	ARG2 (Arginase 2) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



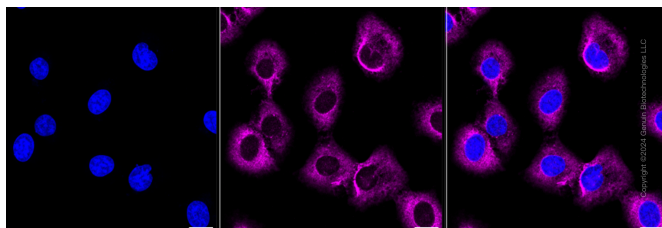
Western blotting analysis using anti-Arg2 antibody (Cat#ABG2376). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Arg2 antibody (Cat#ABG2376, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Western blotting analysis using anti-Arg2 antibody (Cat#ABG2376). Arg2 expression in wild type (WT) and Arg2 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-Arg2 antibody (Cat#ABG2376, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Arg2 expression in HT-1080 cells using Arg2 antibody (Cat#ABG2376, 1:2,000). Green, isotype control; red, Arg2.



Immunocytochemical staining of HT-1080 cells with Arg2 antibody (Cat#ABG2376, 1:1,000).

Nuclei were stained blue with DAPI; Arg2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.