

Product Datasheet

ARG1 Antibody (orb388345)

Catalog Number	orb388345
Category	Antibodies
Description	Mouse monoclonal antibody to ARG1
Target	ARG1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG3
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein G
Immunogen	Recombinant human ARG1 protein fragment (around aa11-97) (exact sequence is proprietary)
UniProt ID	P05089
MW	35-38kDa
Tested applications	WB
Dilution range	FACS: 0.5-1 µg/million cells, IF/ICC: 1-2 µg/ml, WB: 0.5-1 µg/ml, IHC-P: 2-4 µg/ml

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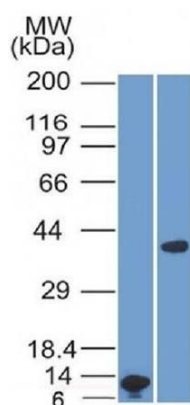
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Application notes	Arginase 1 (Hepatocellular Carcinoma Marker)
Specificity	Within the immune system initially reported to be selectively expressed in granulocytes (polymorphonuclear leukocytes [PMNs]) (PubMed:15546957). Also detected in macrophages mycobacterial granulomas (PubMed:23749634). Expressed in group2 innate lymphoid cells (ILC2s) during lung disease (PubMed:27043409).
Clone Number	ARG1/1125
Expression System	Bioreactor
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of Recombinant ARG1 Protein (Lane 1) human Liver Lysate (Lane 2) using ARG1 antibody

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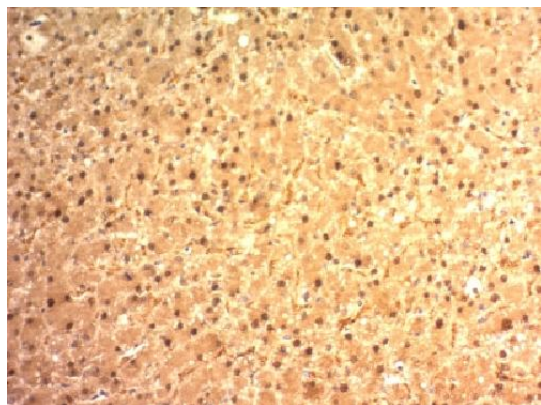
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Immunohistochemical staining of human Hepatocellular carcinoma tissue using ARG1 antibody

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