



Arginase-1 mouse mAb(ABT014)

Catalog No	YP-Ab-15531
Isotype	IgG
Reactivity	Human
Applications	IHC, WB
Gene Name	ARG1
Protein Name	Arginase-1
Immunogen	Synthesized peptide derived from human Arginase-1
Specificity	The antibody can specifically recognize human Arginase-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.44% sodium azide.
Source	Monoclonal, Mouse/IgG2b, kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500, IF 1:100-500
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Arginase-1 (EC 3.5.3.1; Liver-type arginase; Type I arginase)
Observed Band	
Cell Pathway	Cytoplasm . Cytoplasmic granule . Localized in azurophil granules of neutrophils (PubMed:15546957). .
Tissue 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).
Function	
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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