

ARG44621 anti-alpha 1 microglobulin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes alpha 1 microglobulin
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	alpha 1 microglobulin
Species	Human
Conjugation	Un-conjugated
Alternate Names	AMBP; Alpha-1-Microglobulin/Bikunin Precursor; HCP; Protein HC; IATIL; ITILC; EDC1; HI30; ITIL; UTI; Complex-Forming Glycoprotein Heterogeneous In Charge; Inter-Alpha-Trypsin Inhibitor Light Chain; Growth-Inhibiting Protein 19; Uronic-Acid-Rich Protein; Protein AMBP; Trypstatin; Uristatin; Bikunin; ITI; A1M

Application Instructions

Application table	Application	Dilution
	IHC-P	2.5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AMBP
Gene Full Name	Alpha-1-Microglobulin/Bikunin Precursor
Background	This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes. [provided by RefSeq, Jul 2008]
Function	Has a chaperone role in facilitating the correct folding of bikunin in the endoplasmic reticulum compartment. Also inhibits calcium oxalate crystallization. [UniProt]
Calculated Mw	39 kDa
PTM	Cleavage on pair of basic residues, Disulfide bond, Glycoprotein, Proteoglycan. [UniProt]
Cellular Localization	Cell membrane, Cytoplasm, Endoplasmic reticulum, Extracellular matrix, Membrane, Mitochondrion, Mitochondrion inner membrane, Nucleus, Secreted. [UniProt]