

ARG44776 anti-AREL1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes AREL1
Tested Reactivity	Hu, Rat
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	AREL1
Species	Human
Epitope	FDIIVLSEDE KNIVERNVST SGVSIYFEAY LYNATNCSST PWHLPPMHMT SSQRRPSTAV DEEDEDSPSE CHTPEKVKKP
Conjugation	Un-conjugated
Alternate Names	AREL1; Apoptosis Resistant E3 Ubiquitin Protein Ligase 1; KIAA0317; FIEL1; Apoptosis-Resistant HECT-Type E3 Ubiquitin Transferase 1; Apoptosis-Resistant E3 Ubiquitin Protein Ligase 1; Fibrosis-Inducing E3 Ligase 1; EC 2.3.2.26

Application Instructions

Application table	Application	Dilution
	IP	1:100
	WB	1:1000
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

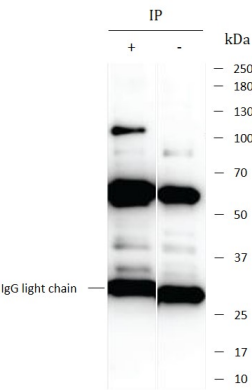
Gene Symbol	AREL1
Gene Full Name	Apoptosis Resistant E3 Ubiquitin Protein Ligase 1
Background	Enables ubiquitin-protein transferase activity. Involved in negative regulation of apoptotic process; protein ubiquitination; and ubiquitin-dependent protein catabolic process. Located in cytosol. [provided by Alliance of Genome Resources, Apr 2022]
Function	Modulates pulmonary inflammation by targeting SOCS2 for ubiquitination and subsequent degradation by the proteasome. [Uniprot]
PTM	Ubl conjugation. [Uniprot]

Images



ARG44776 anti-AREL1 antibody WB image

Western blot: Rat brain stained with ARG44776 anti-AREL1 antibody at 1 µg/mL dilution.



ARG44776 anti-AREL1 antibody IP image

Immunoprecipitation: Rat brain lysate immunoprecipitated with 2.5 µg of ARG44776 anti-AREL1 antibody.