ARG55675
anti-PPP2R1B antibody [1496CT356.164.25.226]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes PPP2R1B
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	1496CT356.164.25.226
Isotype	IgG1, kappa
Target Name	PPP2R1B
Species	Human
Immunogen	Recombinant protein of Human PPP2R1B.
Conjugation	Un-conjugated
Alternate Names	PR65B; PP2A-Abeta; PP2A subunit A isoform PR65-beta; PP2A subunit A isoform R1-beta; Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform

Application Instructions

Application table

Application	Dilution
FACS	
ICC/IF	
IHC-P	
WB	1:4000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Jurkat

Properties

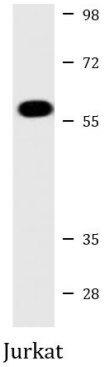
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost 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	PPP2R1B
Gene Full Name	protein phosphatase 2, regulatory subunit A, beta
Background	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes a beta isoform of the constant regulatory subunit A. Mutations in this gene have been associated with some lung and colon cancers. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]
Function	The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. [UniProt]
Calculated Mw	66 kDa

Images



ARG55675 anti-PPP2R1B antibody WB image

Western blot: 20 µg of Jurkat whole cell lysate stained with ARG55675 anti-PPP2R1B antibody at 1:4000 dilution.