

Datasheet for ABIN7157607
anti-KIF18A antibody (AA 176-279)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	KIF18A
Binding Specificity:	AA 176-279
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF18A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Kinesin-like protein KIF18A protein (176-279AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KIF18A
Alternative Name:	KIF18A (KIF18A Products)
Background:	Background: Microtubule-depolymerizing kinesin which plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward

Target Details

movement during anaphase, thus suppressing chromosome movements. May stabilize the CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at kinetochores during chromosome congression.

Aliases: AU024633 antibody, B130001M12Rik antibody, DKFZp434G2226 antibody, KI18A_HUMAN antibody, KIF 18A antibody, KIF18A antibody, kinesin family member 18A antibody, Kinesin like protein KIF18A antibody, Kinesin-like protein KIF18A antibody, Marrow stromal KIF18A antibody, MGC27627 antibody, MS KIF18A antibody, MS-KIF18A antibody, RGD1561740 antibody, RP23 206C1.1 antibody

UniProt: [Q8NI77](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

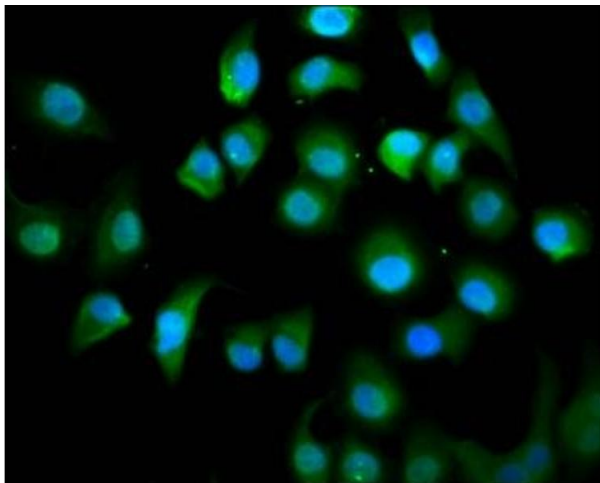
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7157607 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).