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Datasheet for ABIN6944090
anti-KIF23 antibody

Overview

Quantity:	100 µL
Target:	KIF23
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This KIF23 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant human MKLP1 between 800 to 900 amino acids
Clone:	7C9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KIF23
Alternative Name:	MKLP1 (KIF23 Products)
Background:	Synonyms: Kinesin-like protein KIF23, KIF23, Kinesin-like protein 5, Mitotic kinesin-like protein 1, KNSL5, MKLP1

Target Details

Background: Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation during the cell cycle cytokinesis. Essential for cytokinesis in Rho-mediated signaling. Required for the localization of ECT2 to the central spindle. Plus-end-directed motor enzyme that moves antiparallel microtubules in vitro.

Gene ID: 9493

UniProt: [Q02241](#)

Application Details

Application Notes: WB 1:300-5000
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months