Datasheet for ABIN567606

anti-BUB1B antibody

3 Images

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Overview

Quantity:	0.1 mg
Target:	BUB1B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BUB1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Clone:	8G1
Isotype:	IgG1
Specificity:	This antibody reacts with BUBR1 (121 kDa) on Western blotting, Immunoprecipitation and Immunocytochemistry.
Purification:	Protein-A Agarose Chromatography of hybridoma supernatant.

Target Details

Target:	BUB1B
Alternative Name:	BUB1B (BUB1B Products)
Background:	Metaphase checkpoint controls sense abnormalities in chromosome alignment during mitosis and prevent progression to anaphase until proper alignment has been attained. A number of proteins, including Mitotic arrest deficiency protein 2 (MAD2), Budding uninhibited

Target Details

	benzimidazole 1 (BUB1) and Budding uninhibited benzimidazole receptor 1 (BUBR1), have been implicated in the metaphase checkpoint control in mammalian cells. BUB1 and BUBR1 both localize to kinetochores during mitosis, suggesting that they play a role in delaying anaphase until all chromosomes achieve correct, bipolar attachment to the spindle. BUB1 and BUBR1 respond differently to spindle dynamics, they are part of a common complex during mitosis and BUB1 and BUBR1 may integrate different 'spindle assembly signals' into a single signal which can then be interpreted by downstream cell cycle regulators.Synonyms: BUB1 beta, BUBR1, MAD3/BUB1-related protein kinase, MAD3L, Mitotic checkpoint kinase MAD3L, Mitotic checkpoint serine/threonine-protein kinase BUB1 beta, Protein SSK1
Gene ID:	701

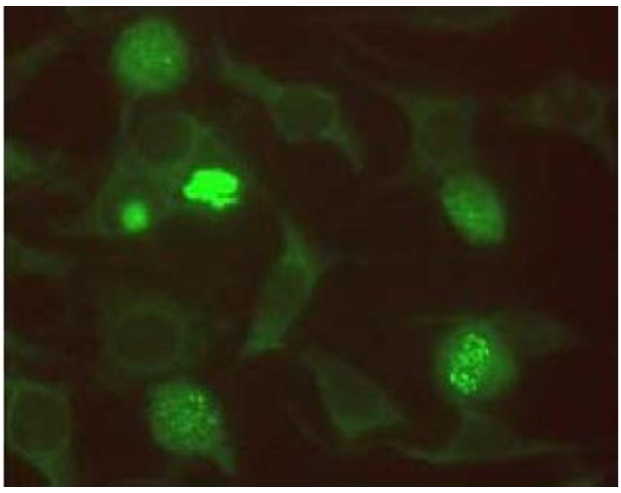
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

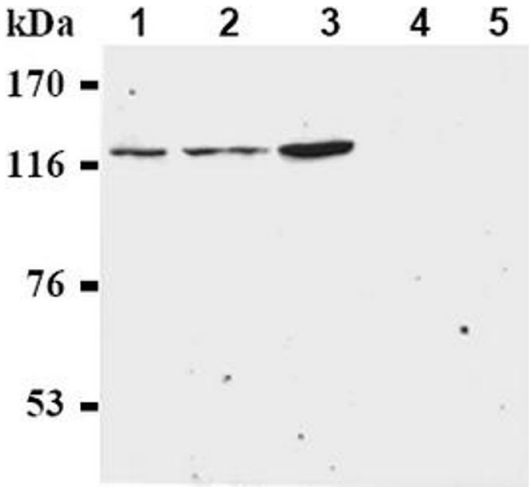
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.2 containing 50 % Glycerol without preservatives.
Preservative:	Without preservative

Images



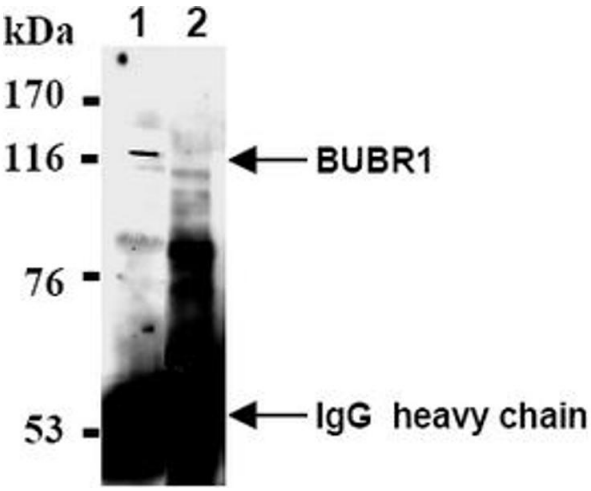
Immunofluorescence

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.

