

Mouse Monoclonal Antibody to BUB1

Catalogue Number	sAP-1421
Target Molecule	Name: BUB1 Aliases: X11L; MINT2; LIN-10; HsT16821; X11-BETA; D15S1518E; MGC:14091 MW: 82.5kDa Entrez Gene ID: 321
Description	This gene encodes a serine/threonine-protein kinase that play a central role in mitosis. The encoded protein functions in part by phosphorylating members of the mitotic checkpoint complex and activating the spindle checkpoint. This protein also plays a role in inhibiting the activation of the anaphase promoting complex/cyclosome. This protein may also function in the DNA damage response. Mutations in this gene have been associated with aneuploidy and several forms of cancer. Alternate splicing results in multiple transcript variants.;
Immunogen	Purified recombinant fragment of human BUB1 (AA: 1-130) expressed in E. Coli.
Recitative Species	Human;
Clone	MM1A11C7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Sci Signal. 2015 Jan 6;8(358):ra1. ; 2.Horm Cancer. 2013 Apr;4(2):92-102.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**