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Datasheet for ABIN563279

anti-Mps1 antibody (AA 1-176)

5 Images

1 Publication

Overview

Quantity:	100 µg
Target:	Mps1 (TTK)
Binding Specificity:	AA 1-176
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Mps1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TTK.
Immunogen:	TTK (AAH00633, 1 a.a. ~ 176 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MESEDLSGRE LTIDSIMNKV RDIKNKFKNE DLTDELSLNK ISADTTDNSG TVNQIMMMAN NPEDWLSLLL KLEKNSVPLS DALLNKLIGR YSQAIEALPP DKYGQNESFA RIQVRFAELK AIQEPDDARD YFQMARANCK KFAFVHISFA QFELSQGNVK KSKQLLQKAV ERGAVP
Clone:	3G7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Mps1 (TTK)
Alternative Name:	TTK (TTK Products)
Background:	Full Gene Name: TTK protein kinase Synonyms: ESK,FLJ38280,MPS1,MPS1L1,PYT
Gene ID:	7272

Application Details

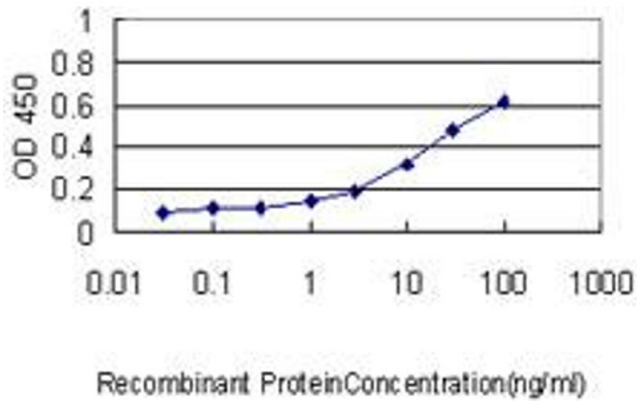
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

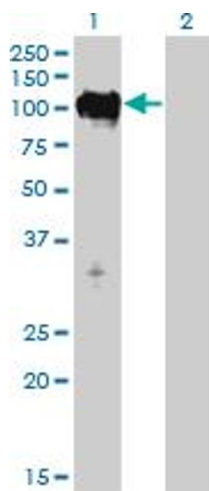
Publications

Product cited in:	Niittymäki, Gylfe, Laine, Laakso, Lehtonen, Kondelin, Tolvanen, Nousiainen, Pouwels, Järvinen, Nuorva, Mecklin, Mäkinen, Ristimäki, Ørntoft, Hautaniemi, Karhu, Kallio, Aaltonen: "High frequency of TTK mutations in microsatellite-unstable colorectal cancer and evaluation of their effect on spindle assembly checkpoint." in: Carcinogenesis , Vol. 32, Issue 3, pp. 305-11, (2011) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged TTK is approximately 0.3ng/ml as a capture antibody.

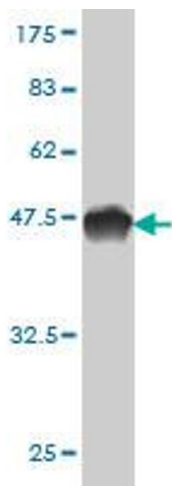


Western Blotting

Image 2. Western Blot analysis of TTK expression in transfected 293T cell line by TTK monoclonal antibody (M01), clone 3G7.

Lane 1: TTK transfected lysate(97.1 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (44.99 KDa) .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN563279.