

Datasheet for ABIN522525
anti-PKMYT1 antibody (AA 400-499)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	PKMYT1
Binding Specificity:	AA 400-499
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PKMYT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PKMYT1.
Immunogen:	PKMYT1 (NP_004194.3, 400 a.a. ~ 499 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PASWLQPLGP PATPPGSPPC SLLLDSSLSS NWDDDSLGPS LSPEAVLART VGSTSTPRSR CTPRDALDLS DINSEPPRGS FPSFEPRNLL SLFEDTLDPT
Clone:	2A3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PKMYT1
Alternative Name:	PKMYT1 (PKMYT1 Products)
Background:	Full Gene Name: protein kinase, membrane associated tyrosine/threonine 1 Synonyms: DKFZp547K1610,FLJ20093,MYT1
Gene ID:	9088
NCBI Accession:	NM_004203
Pathways:	Mitotic G1-G1/S Phases, M Phase

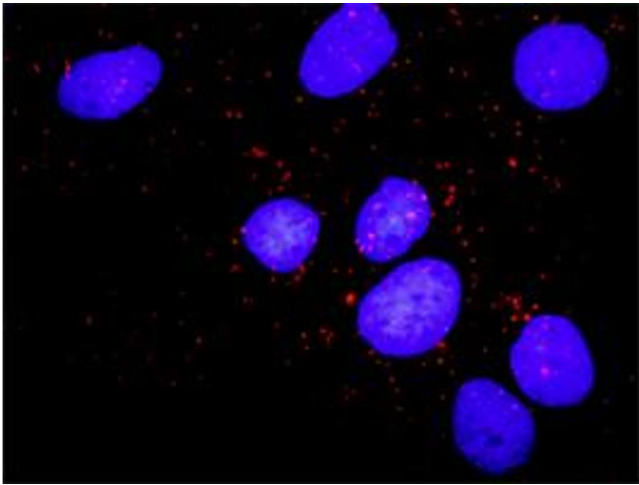
Application Details

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

Handling

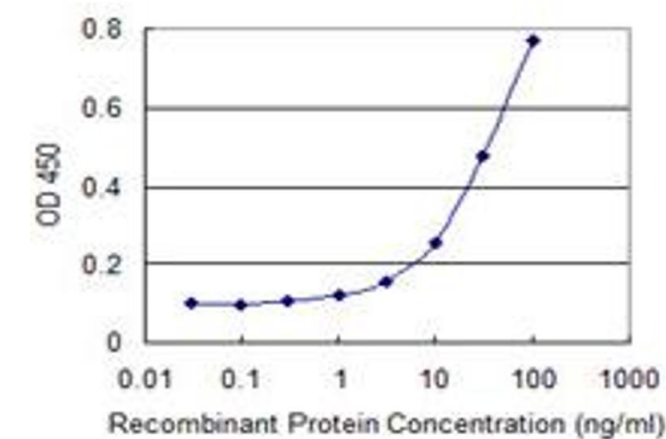
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



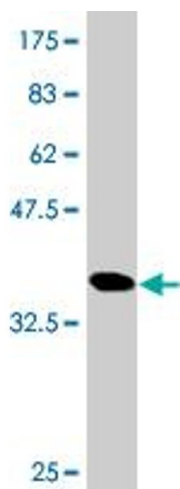
Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between CCNB1 and PKMYT1. Huh7 cells were stained with anti-CCNB1 rabbit purified polyclonal 1:1200 and anti-PKMYT1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA

Image 2. Detection limit for recombinant GST tagged PKMYT1 is 1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.74 kDa) .