

## PKMYT1 Conjugated Antibody

Catalog No: #C37829



Package Size: #C37829-AF350 100ul #C37829-AF405 100ul #C37829-AF488 100ul  
 #C37829-AF555 100ul #C37829-AF594 100ul #C37829-AF647 100ul  
 #C37829-AF680 100ul #C37829-AF750 100ul #C37829-Biotin 100ul

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## Description

Product Name	PKMYT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PKMYT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human protein kinase, membrane associated tyrosine/threonine 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MYT1
Accession No.	Swiss-Prot#:Q99640NCBI Gene ID:9088NCBI mRNA#:NCBI Protein#:NP_006210/P42338
Uniprot	Q99640
GeneID	9088;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	55
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Background

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This gene encodes a member of the serine/threonine protein kinase family. The encoded protein is a membrane-associated kinase that negatively regulates the G2/M transition of the cell cycle by phosphorylating and inactivating cyclin-dependent kinase 1. The activity of the encoded protein is regulated by polo-like kinase 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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Note: This product is for in vitro research use only