DNA replication licensing factor MCM2 Polyclonal Conjugated Antibody

Catalog No: #C42250

Orders: order@signalwayantibody.com
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Package Size: #C42250-AF350 100ul #C42250-AF405 100ul #C42250-AF488 100ul #C42250-AF555 100ul #C42250-AF594 100ul #C42250-AF647 100ul #C42250-AF680 100ul #C42250-AF750 100ul #C42250-Biotin 100ul

Description

Product Name	DNA replication licensing factor MCM2 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total DNA replication licensing factor MCM2 polyclonal antibody.
Immunogen Description	Recombinant human DNA replication licensing factor MCM2 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Minichromosome maintenance protein 2 homolog Nuclear protein BM28 MCM2 BM28, CCNL1, CDCL1, KIAA0030
Accession No.	Swiss-Prot#:P49736
Uniprot	P49736
GeneID	4171;
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	102
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for \'once per cell cycle\' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Required for the entry in S phase and for cell division.

Note: This product is for in vitro research use only