

# Sperm mitochondrial-associated cysteine-rich Polyclonal Conjugated Antibody



Catalog No: #C42328

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Package Size: #C42328-AF350 100ul #C42328-AF405 100ul #C42328-AF488 100ul

#C42328-AF555 100ul #C42328-AF594 100ul #C42328-AF647 100ul

#C42328-AF680 100ul #C42328-AF750 100ul #C42328-Biotin 100ul

## Description

Product Name	Sperm mitochondrial-associated cysteine-rich Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Sperm mitochondrial-associated cysteine-rich polyclonal antibody.
Immunogen Description	Recombinant human Sperm mitochondrial-associated cysteine-rich protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SMCP, MCS, MCSP
Accession No.	Swiss-Prot#:P49901
Uniprot	P49901
GeneID	4184;
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
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

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## Background

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Involved in sperm motility. Its absence is associated with genetic background dependent male infertility. Infertility may be due to reduced sperm motility in the female reproductive tract and inability to penetrate the oocyte zona pellucida

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Note: This product is for in vitro research use only