

## CEP152 Conjugated Antibody

Catalog No: #C34565



Package Size: #C34565-AF350 100ul #C34565-AF405 100ul #C34565-AF488 100ul  
 #C34565-AF555 100ul #C34565-AF594 100ul #C34565-AF647 100ul  
 #C34565-AF680 100ul #C34565-AF750 100ul #C34565-Biotin 100ul

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## Description

Product Name	CEP152 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CEP152 protein.
Immunogen Description	Synthesized peptide derived from internal of human CEP152.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	centrosomal protein 152 kDa;centrosomal protein 152kDa;centrosomal protein of 152 kDa
Accession No.	Swiss-Prot#:O94986NCBI Gene ID:22995
Uniprot	O94986
GeneID	22995;
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	140
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

## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Necessary for centrosome duplication. Acts as a molecular scaffold facilitating the interaction of PLK4 and CENPJ, 2 molecules involved in centriole formation. Also plays a key role in deuterosome-mediated centriole amplification in multiciliated that can generate more than 100 centrioles. Overexpression of CEP152 can drive amplification of centrioles.

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Note: This product is for in vitro research use only