

## Rac1/2/3 Conjugated Antibody

Catalog No: #C56154



Package Size: #C56154-AF350 100ul #C56154-AF405 100ul #C56154-AF488 100ul  
 #C56154-AF555 100ul #C56154-AF594 100ul #C56154-AF647 100ul  
 #C56154-AF680 100ul #C56154-AF750 100ul #C56154-Biotin 100ul

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## Description

Product Name	Rac1/2/3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Rac1/2/3 Antibody detects endogenous levels of total Rac1/2/3
Immunogen Description	A synthesized peptide derived from human Rac1/2/3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cell migration-inducing gene 5 protein; EN-7; GX; p21-Rac1; p21-Rac2; p21-Rac3; RAC1; RAC2; RAC3; TC25;
Accession No.	Uniprot:P63000/P15153/P60763
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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	21kDa
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

## Product Description

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In mammals, Rac exists as three isoforms, Rac1, Rac2 and Rac3, which are highly similar in sequence. Rac and Cdc42 play key signaling roles in cytoskeletal reorganization, membrane trafficking, transcriptional regulation, cell growth and development. GTP binding stimulates the activity of Rac/Cdc42, and the hydrolysis of GTP to GDP through the protein's intrinsic GTPase activity, rendering it inactive.

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Note: This product is for in vitro research use only