

Akt(pan) 1/2/3 Conjugated Antibody

Catalog No: #C56093



Package Size: #C56093-AF350 100ul #C56093-AF405 100ul #C56093-AF488 100ul
 #C56093-AF555 100ul #C56093-AF594 100ul #C56093-AF647 100ul
 #C56093-AF680 100ul #C56093-AF750 100ul #C56093-Biotin 100ul

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Description

Product Name	Akt(pan) 1/2/3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Akt(pan)1/2/3 Antibody detects endogenous levels of total AKT1/2/3
Immunogen Description	A synthesized peptide derived from human AKT1/2/3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PKB;RAC;PRKBA;PKB-ALPHA;RAC-ALPHA; AKT1 ; AKT2; AKT3; Akt1/2/3; pan Akt;
Accession No.	Uniprot:P31749/P31751/Q9Y243
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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	56kDa
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

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Note: This product is for in vitro research use only