

AKT2Conjugated Antibody

Catalog No: #C30259



Package Size: #C30259-AF350 100ul #C30259-AF405 100ul #C30259-AF488 100ul
 #C30259-AF555 100ul #C30259-AF594 100ul #C30259-AF647 100ul
 #C30259-AF680 100ul #C30259-AF750 100ul #C30259-Biotin 100ul

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Description

Product Name	AKT2Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu,Ms,Rt,Monkey
Immunogen Description	Recombinant protein of human AKT2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AKT2; HIHGHH; PKBB; PKBBETA; PRKBB; RAC-BETA; AKT serine/threonine kinase 2
Accession No.	Swiss-Prot#:P31751NCBI Gene ID:208
Uniprot	P31751
GeneID	208;
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	60kDa
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

This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins.

Note: This product is for in vitro research use only