

# BARK1 Conjugated Monoclonal Antibody

Catalog No: #C27101



Package Size: #C27101-AF350 100ul #C27101-AF405 100ul #C27101-AF488 100ul  
 #C27101-AF555 100ul #C27101-AF594 100ul #C27101-AF647 100ul  
 #C27101-AF680 100ul #C27101-AF750 100ul #C27101-Biotin 100ul

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## Description

Product Name	BARK1 Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Immunogen Description	Purified recombinant human ADRBK1(C-term.) protein fragments expressed in E.coli.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GRK2, BARK1, BETA-ARK1
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	80
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

The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1 signaling. Competes with RALA for binding to LPAR1.

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Note: This product is for in vitro research use only