NF-kB p65 (Phospho-S529) Conjugated Antibody

Catalog No: #C13347

Package Size: #C13347-AF350 100ul #C13347-AF405 100ul #C13347-AF488 100ul #C13347-AF555 100ul #C13347-AF594 100ul #C13347-AF647 100ul #C13347-AF680 100ul #C13347-AF750 100ul #C13347-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	NF-kB p65 (Phospho-S529) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	59 kDa serine/threonine protein kinase antibody 59 kDa serine/threonine-protein kinase antibody DKFZp686F1765 antibody Epididymis secretory protein Li 28 antibody HEL S 28 antibody ILK 1 antibody ILK 2 antibody ILK antibody ILK-1 antibody ILK-2 antibody ILK_HUMAN antibody ILK1 antibody ILK2 antibody Integrin linked kinase 2 antibody Integrin linked Kinase antibody Integrin linked protein kinase antibody Integrin-linked protein kinase antibody p59 antibody p59ILK antibody
Accession No.	Swiss-Prot#:Q13418
Uniprot	Q13418
GeneID	3611;
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	51
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

Integrins are heterodimers composed of non-covalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind to ligands that are components of the extracellular matrix. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells, such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis. ILK (integrin-linked kinase) was identified as a serine/threonine kinase that phosphorylates b1 and b3 integrins. ILK expression has been shown to be reduced in response to Fibronectin, a known integrin ligand. Overexpression of ILK was shown to upregulate the Fibronectin matrix assembly in epithelial cells, indicating a potential role for ILK in cell growth, cell survival and tumorigenesis.

Note: This product is for in vitro research use only