IκB-α (Ab-32/36) Conjugated Antibody

Catalog No: #C33192

Package Size: #C33192-AF350 100ul #C33192-AF405 100ul #C33192-AF488 100ul #C33192-AF555 100ul #C33192-AF594 100ul #C33192-AF647 100ul #C33192-AF680 100ul #C33192-AF750 100ul #C33192-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	IκB-α (Ab-32/36) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total IκB-α protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human IκB-α around the phosphorylation site of Serine 32/36.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	I-kappa-B-alpha;IkappaBalpha;IKBA;MAD3;Major histocompatibility complex enhancer-binding protein MAD3
Accession No.	Swiss-Prot#:P25963NCBI Gene ID:4792
Uniprot	P25963
GeneID	4792;
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	39
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.

Note: This product is for in vitro research use only