

NFκB-p105(Phospho-Ser927) Conjugated Antibody

Catalog No: #C11312



Package Size: #C11312-AF350 100ul #C11312-AF405 100ul #C11312-AF488 100ul

#C11312-AF555 100ul #C11312-AF594 100ul #C11312-AF647 100ul

#C11312-AF680 100ul #C11312-AF750 100ul #C11312-Biotin 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	NFκB-p105(Phospho-Ser927) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of NFκB-p105 only when phosphorylated at serine 927.
Immunogen Description	Peptide sequence around phosphorylation site of serine 927 (C-D-S(p)-G-V) derived from Human NFκB-p105.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA-binding factor KBF1;EBP-1;NF-kappa-B1 p84/NF-kappa-B1 p98;NFKB1;NFκB-p50
Accession No.	Swiss-Prot#:P19838NCBI Gene ID:4790NCBI mRNA#:NM_001165412.1 NCBI Protein#:NP_001158884.1
Uniprot	P19838
GeneID	4790;
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	120
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

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.

Note: This product is for in vitro research use only