

## Rel (Phospho-Ser503) Conjugated Antibody

Catalog No: #C11020



Package Size: #C11020-AF350 100ul #C11020-AF405 100ul #C11020-AF488 100ul  
 #C11020-AF555 100ul #C11020-AF594 100ul #C11020-AF647 100ul  
 #C11020-AF680 100ul #C11020-AF750 100ul #C11020-Biotin 100ul

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## Description

Product Name	Rel (Phospho-Ser503) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Rel only when phosphorylated at serine 503.
Immunogen Description	Peptide sequence around phosphorylation site of serine 503 (T-S-S(p)-D-S) derived from Human Rel.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C-Rel
Accession No.	Swiss-Prot#:Q04864NCBI Gene ID:5966NCBI mRNA#:NM_002908.2 NCBI Protein#:NP_002899.1
Uniprot	Q04864
GeneID	5966;
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	78
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

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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

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The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFκB family, which also includes RELA (MIM 164014), RELB (604758), NFκB1 (MIM 164011), and NFκB2 (MIM 164012). These proteins are related through a highly conserved N-terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFκB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 (PubMed 18037997)).

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Note: This product is for in vitro research use only