

## Elk-1 (Phospho-Ser383) Conjugated Antibody

Catalog No: #C11004



Package Size: #C11004-AF350 100ul #C11004-AF405 100ul #C11004-AF488 100ul  
 #C11004-AF555 100ul #C11004-AF594 100ul #C11004-AF647 100ul  
 #C11004-AF680 100ul #C11004-AF750 100ul #C11004-Biotin 100ul

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## Description

Product Name	Elk-1 (Phospho-Ser383) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Elk-1 only when phosphorylated at serine 383.
Immunogen Description	Peptide sequence around phosphorylation site of serine 383 (T-L-S(p)-P-I) derived from Human Elk-1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ELK1;ETS-domain protein Elk-1
Accession No.	Swiss-Prot#:P19419NCBI Gene ID:2002NCBI mRNA#:NM_001114123.1 NCBI Protein#:NP_001107595.1
Uniprot	P19419
GeneID	2002;
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	47
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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Elk-1 is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum reponse element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. Iternatively spliced transcript variants encoding the same protein have been found for this gene.

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Note: This product is for in vitro research use only