

# Immunotag™ Phospho-c-Jun (Ser243) Antibody

Antibody Specification	
Catalog No.	ITA0862
Product Description	Immunotag™ Phospho-c-Jun (Ser243) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-c-Jun (Ser243)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IP,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:1000 IP 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human c-Jun around the phosphorylation site of Serine 243
Specificity	Phospho-c-Jun (Ser243) Antibody detects endogenous levels of c-Jun only when phosphorylated at Serine 243
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	JUN
Accession No.	P05412

## Antibody Specification

Alternate Names	Activator protein 1; AP 1; AP1; cJun; Enhancer Binding Protein AP1; Jun Activation Domain Binding Protein; JUN; Jun oncogene; JUN protein; Jun proto oncogene; JUN_HUMAN; JUNC; Oncogene JUN; p39; Proto oncogene c jun; Proto oncogene cJun; Proto-oncogene c-jun; Transcription Factor AP 1; Transcription factor AP-1; Transcription Factor AP1; V jun avian sarcoma virus 17 oncogene homolog; V jun sarcoma virus 17 oncogene homolog (avian); V jun sarcoma virus 17 oncogene homolog; V-jun avian sarcoma virus 17 oncogene homolog; vJun Avian Sarcoma Virus 17 Oncogene Homolog;
Description	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	37kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.