

Immunotag™ Phospho-STAT5A/B (Ser725/730) Antibody

Antibody Specification	
Catalog No.	ITA1073
Product Description	Immunotag™ Phospho-STAT5A/B (Ser725/730) 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-STAT5A/B (Ser725/730)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human STAT5A/B around the phosphorylation site of Serine 725/730
Specificity	Phospho-STAT5A/B (Ser725/730) Antibody detects endogenous levels of STAT5A/B only when phosphorylated at Serine 725/730
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	STAT5A
Accession No.	P42229/P51692
Alternate Names	Mammary gland factor; MGF; Signal transducer and activator of transcription 5A; STA5A_HUMAN; STAT 5; STAT 5A; STAT5; STAT5A; Signal transducer and activator of transcription 5B; STA5B_HUMAN; STAT5; Stat5b; Transcription factor STAT5B;

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Description	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	90kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.