

Immunotag™ Phospho-GATA1 (Ser142) Antibody

Antibody Specification	
Catalog No.	ITA0955
Product Description	Immunotag™ Phospho-GATA1 (Ser142) 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-GATA1 (Ser142)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,IP,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IP, 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 GATA1 around the phosphorylation site of Serine 142
Specificity	Phospho-GATA1 (Ser142) Antibody detects endogenous levels of GATA1 only when phosphorylated at Serine 142
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	GATA1
Accession No.	P15976

Antibody Specification

Alternate Names	Anemia, X-linked, without thrombocytopenia, included; ERYF 1; Eryf1; Erythroid transcription factor; Erythrold transcription factor 1; GATA 1; GATA binding factor 1; GATA binding protein 1 (globin transcription factor 1); GATA binding protein 1; GATA-1; GATA-binding factor 1; GATA1; GATA1_HUMAN; GF 1; GF-1; GF1; Globin transcription factor 1; NF E1; NF E1 DNA binding protein; NF-E1 DNA-binding protein; NFE 1; NFE1; Nuclear factor erythroid 1; Transcription factor GATA1; XLANP; XLTDA; XLTT;
Description	Transcriptional activator or repressor which probably serves as a general switch factor for erythroid development. It binds to DNA sites with the consensus sequence 5'-[AT]GATA[AG]-3' within regulatory regions of globin genes and of other genes expressed in erythroid cells. Activates the transcription of genes involved in erythroid differentiation of K562 erythroleukemia cells, including HBB, HBG1/2, ALAS2 and HMBS (PubMed:24245781).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	43kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.