Immunotag™ RGS1 Antibody

Antibody Specification

Catalog No.	ITA5291
Product Description	Immunotag™ RGS1 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	RGS1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	RGS1 Antibody detects endogenous levels of total RGS1
Purification	The antiserum was purified by peptide affinity chromatography.
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	RGS1
Accession No.	Q08116
Alternate Names	1R20; B cell activation protein BL34; B-cell activation protein BL34; BL34; Early response protein 1R20; IER 1; IER1; Immediate early response 1 B cell specific; immediate-early response 1, B-cell specific; IR20; Regulator of G protein signalling 1; Regulator of G-protein signaling 1; RGS 1; RGS1; RGS1_HUMAN;

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Description	Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the N-formylpeptide chemoattractant receptors and leukotriene receptors (PubMed:10480894). Inhibits B cell chemotaxis toward CXCL12 (By similarity). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form (PubMed:10480894, PubMed:18434541).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	22 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.