G-Biosciences Image not found or type unknown

Immunotag™ Phospho-p27 Kip1 (Ser10) Antibody

Antibody Specification

Catalog No.	ITA1095
Product Description	Immunotag™ Phospho-p27 Kip1 (Ser10) 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-p27 Kip1 (Ser10)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, 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 p27 Kip1 around the phosphorylation site of Serine 10
Specificity	Phospho-p27 Kip1 (Ser10) Antibody detects endogenous levels of p27 Kip1 only when phosphorylated at Serine 10
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	CDKN1B
Accession No.	P46527

Antibody Specification

Alternate Names	AA408329; AI843786; Cdki1b; CDKN 1B; CDKN 4; CDKN1B; CDKN4; CDN1B_HUMAN; Cyclin Dependent Kinase Inhibitor 1B; Cyclin dependent kinase inhibitor p27; Cyclin-dependent kinase inhibitor 1B (p27, Kip1); Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; Cyclin-dependent kinase inhibitor p27 Kip1; KIP 1; KIP1; MEN1B; MEN4; OTTHUMP00000195098; OTTHUMP00000195099; p27; p27 Kip1; P27-like cyclin-dependent kinase inhibitor; p27Kip1;
Description	Important regulator of cell cycle progression. Inhibits the kinase activity of CDK2 bound to cyclin A, but has little inhibitory activity on CDK2 bound to SPDYA (PubMed:28666995). Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of CCND1-CDK4 complex activation. Acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichometry.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	27kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.