

Immunotag™ SPDYA Antibody

Antibody Specification	
Catalog No.	ITA6953
Product Description	Immunotag™ SPDYA 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	SPDYA
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SPDYA
Specificity	SPDYA Antibody detects endogenous levels of total SPDYA
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	SPDYA
Accession No.	Q5MJ70
Alternate Names	hSpy/Ringo A; MGC110856; MGC57218; OTTHUMP00000082662; OTTHUMP00000082663; OTTHUMP00000082664; Rapid inducer of G2/M progression in oocytes A; RINGO A; RINGO3; SPDY1; Speedy A; Speedy homolog 1 (Drosophila); Speedy homolog A; Speedy homolog A (Xenopus laevis); Speedy-1; SPY1;

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Description	Regulates the G1/S phase transition of the cell cycle by binding and activating CDK1 and CDK2 (PubMed:12972555). Contributes to CDK2 activation without promoting CDK2 phosphorylation, by inducing a conformation change of the CDK2 T-loop that obstructs the substrate-binding cleft prior to kinase activation (PubMed:28666995). Mediates cell survival during the DNA damage process through activation of CDK2 (PubMed:12839962).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	36kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.