

ARG44745 anti-STIP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes STIP1
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	STIP1
Species	Human
Conjugation	Un-conjugated
Alternate Names	P60; Hop; IEF-SSP-3521; Renal carcinoma antigen NY-REN-11; HEL-S-94n; Hsc70/Hsp90-organizing protein; HOP; STI1L; Transformation-sensitive protein IEF SSP 3521; Stress-induced-phosphoprotein 1; STI1

Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	STIP1
Gene Full Name	stress-induced phosphoprotein 1
Background	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Masison, 2005 [PubMed 16100115]).[supplied by OMIM, Jul 2009]
Function	Mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB). [UniProt]
Calculated Mw	98 kDa
PTM	CD40LG induces tyrosine phosphorylation of isoform 3.
Cellular Localization	Cytoplasm. Nucleus. [UniProt]