

ARG44743 anti-ST13 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes ST13
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	ST13
Species	Human
Conjugation	Un-conjugated
Alternate Names	HIP; SNC6; Putative tumor suppressor ST13; Progesterone receptor-associated p48 protein; Suppression of tumorigenicity 13 protein; HSPABP; Hsc70-interacting protein; HSPABP1; Protein FAM10A1; Hip; AAG2; HOP; P48; FAM10A1; PRO0786; Renal carcinoma antigen NY-REN-33; Aging-associated protein 2; FAM10A4

Application Instructions

Application table	Application	Dilution
	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

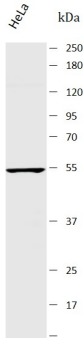
Gene Symbol	ST13
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Gene Full Name	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)
Background	The protein encoded by this gene is an adaptor protein that mediates the association of the heat shock proteins HSP70 and HSP90. This protein has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. The expression of this gene is reported to be downregulated in colorectal carcinoma tissue suggesting that it is a candidate tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]
Function	One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins (By similarity). [UniProt]
Calculated Mw	34 kDa
PTM	The N-terminal may be partly blocked. [UniProt]
Cellular Localization	Nucleus

Images

ARG44743 anti-ST13 antibody WB image

Western blot: HeLa stained with ARG44743 anti-ST13 antibody at 1 µg/mL dilution.



ARG44743 anti-ST13 antibody IP image

Immunoprecipitation: HeLa lysate immunoprecipitated with 2.5 µg of ARG44743 anti-ST13 antibody.

