

Immunotag™ Hip Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM1042
Product Description	Immunotag™ Hip Monoclonal Antibody
Size	50 µg, 100 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	Hip
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF
Recommended Dilution	Western Blot: 1/1000 - 1/2000. Immunohistochemistry: 1/500 - 1/1000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Bovine,Dog,Pig
Host Species	Mouse
Immunogen	Purified recombinant human Hip protein fragments expressed in E.coli.
Specificity	Hip Monoclonal Antibody detects endogenous levels of Hip protein.
Purification	Affinity purification
Form	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Gene Name	ST13
Accession No.	P50502 Q99L47
Alternate Names	ST13; AAG2; FAM10A1; HIP; SNC6; Hsc70-interacting protein; Hip; Aging-associated protein 2; Progesterone receptor-associated p48 protein; Protein FAM10A1; Putative tumor suppressor ST13; Renal carcinoma antigen NY-REN-33; Suppression of tum

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Description	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)(ST13) Homo sapiens 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],
Protein Expression	Colon mucosa,Epithelium,Fet
Subcellular Localization	cytoplasm,cytosol,protein complex,extracellular exosome,
Protein Function	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.,similarity:Belongs to the FAM10 family.,similarity:Contains 1 STI1 domain.,similarity:Contains 3 TPR repeats.,subunit:Homotetramer. Interacts with HSC70 as well as DNAJ homologs and HSP90.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.