

Product datasheet for **AM50333PU-N**

ST13 Mouse Monoclonal Antibody [Clone ID: AT5C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT5C6
Applications:	ELISA, WB
Recommended Dilution:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human HIP/ST13 (1-369aa) purified from E. coli.
Specificity:	Recognizes Human ST13. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)
Database Link:	Entrez Gene 6767 Human P50502



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Background: HIP(Hsc70-interacting protein), also known as ST13, is a co-chaperone to the major heat shock proteins, HSP70 and HSP90, and appears in early receptor complexes. Through mutual binding to both HSP70 and HSP90, Hip functions as an adaptor that can integrate HSP70 and HSP90 interactions. Also, Hip has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones.

Synonyms: Hsc70-interacting protein, FAM10A1, NY-REN-33, SNC6

Protein Families: Druggable Genome