

32-5936: Mouse Anti Human HSP70 Interacting Protein(Clone: PAT1F1AT.)

Clonality :	Monoclonal
Clone Name :	PAT1F1AT.
Application :	ELISA, WB
Gene :	ST13
Gene ID :	6767
Uniprot ID :	P50502
Format :	Purified
Alternative Name :	AAG2, SNC6, HSPABP, FAM10A1, FAM10A4, HSPABP1, ST-13, Hsc70-interacting protein, Suppression of tumorigenicity protein 13, Putative tumor suppressor ST13, Protein FAM10A1, Progesterone receptor-associated p48 protein, Renal carcinoma antigen NY-REN-3
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human ST13 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ST13 amino acids 1-369 purified from E. coli.

Description

ST13 is an adaptor protein (co-chaperone) that mediates the association of HSP70 & HSP90 and appears in early receptor complexes. ST13 plays a role in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. The expression of ST13 is downregulated in colorectal carcinoma tissue signifying that is candidate tumor suppressor gene. Through common binding to both Hsp70 and Hsp90, ST13 functions as an adaptor that can integrate Hsp70 and Hsp90 interactions. The expression of ST13 decreases in colorectal cancer tissue compared with that in adjacent normal tissue. ST13 is mostly expressed in colorectal epithelia and adenocarcinoma cells. ST13 functions to promote the efficiency of glucocorticoid receptor maturation in cells. The expression levels of the ST13 gene were significantly decreased in primary tumors compared with adjacent mucosa.

Product Info

Amount :	20 µg
Purification :	ST13 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

ST13 antibody has been tested by ELISA and 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 dilution range for Western blot analysis is 1:1000 ~ 3000. Recommended starting dilution is 1:1000.