
ST13 (3B10) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252945

Unit: 0.1 ml

Description:

ST13 (Suppression of tumorigenicity protein 13) is one of several co-chaperones that regulate activities of the HSP70 chaperone family. ST13, also known as Hip (HSP70-interacting protein) cooperates with HSP70 in protein folding by stabilizing the ADP-bound state of HSP70. Hip directly binds to the ATPase domain of HSP70 when it is converted to the ADP-bound state by proteins of the HSP40 family. By collaborating with other positive co-factors such as HSP40 and Hop, or competing with negative co-factors such as Bag1, Hip may facilitate the chaperone function of HSP70 in protein folding and repair, also controlling the activity of regulatory proteins such as steroid receptors and various regulators of proliferation or apoptosis.

Isotype: Mouse IgG1

Applications: WB, IHC, IF

Species Reactivity: H, Mk

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Hsc70-interacting protein; Hip; Progesterone receptor-associated p48 protein; Protein FAM10A1; Putative tumor suppressor ST13; Renal carcinoma antigen NY-REN-33; Suppression of tumorigenicity 13 protein; FAM10A1; HIP; SNC6; ST13

Accession No.: P50502

Antigen: Purified recombinant fragment of human ST13 expressed in *E. coli*.

Application Notes: WB: 1:200-1:1000; IHC: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.