

Mouse Monoclonal Antibody to ST13

Order Information

| | | |
|--------------------|-------|------|
| Catalog# | 20419 | |
| Size/Concentration | 100µl | 50µl |
| Price(¥) | 2180 | 1280 |

Description

ST13 (suppression of tumorigenicity protein 13), also known as Hip (HSP70-interacting protein), is one of several co-chaperones that regulate activities of the HSP70 chaperone family. The homo-oligomeric protein Hip 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, and in controlling the activity of regulatory proteins such as steroid receptors and various regulators of proliferation or apoptosis.

Specification

Aliases : HIP; HOP; P48; AAG2; SNC6; HSPABP; FAM10A1; FAM10A4; HSPABP1; ST13

Entrez GeneID : 6767

Swissprot : P50502

clone : 3B10

WB Predicted band size : 48kDa

Host/Isotype : Mouse IgG1

Antibody Type : Primary antibody

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human, Monkey

Immunogen : Purified recombinant fragment of human ST13 expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

| | |
|-------|----------------|
| WB | 1/500 - 1/2000 |
| IHC | 1/200 - 1/1000 |
| ICC | 1/200 - 1/1000 |
| ELISA | 1/10000 |

References

1. J Biol Chem. 2002 Jan 4;277(1):259-66.
2. Electrophoresis. 2004 May;25(9):1289-98.

Call 1-510-860-4615
+86-19375157864
Email Info@ProMab.com
Web www.ProMab.com
www.ProMab.cn

Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html
Antigen Sequence is available upon request.

Products and Services

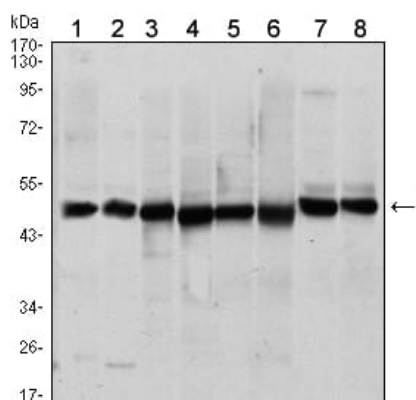
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

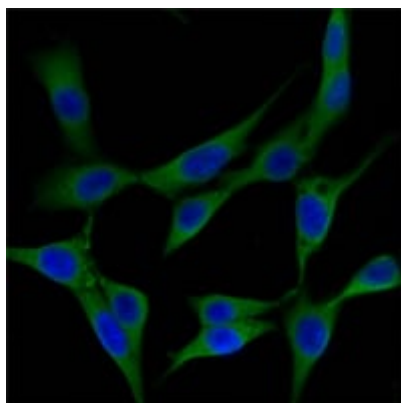
Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20419

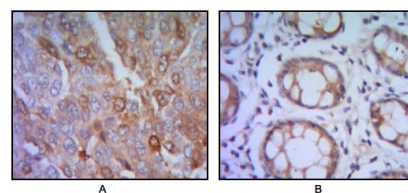
Mouse Monoclonal Antibody to ST13



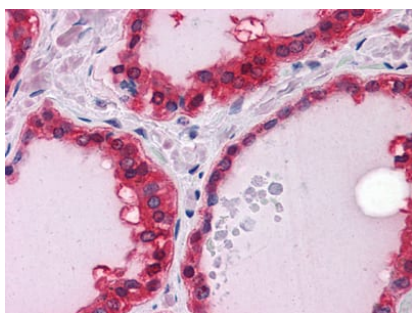
Western blot analysis using ST13 mouse mAb against A431 (1), HEK293 (2), HeLa (3), HepG2 (4), Jurkat (5), K562 (6), L1210 (7) and MCF-7 (8) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using ST13 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human lung cancer (A), colon cancer (B) using ST13 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human Thyroid tissues using ST13 mouse mAb

For Research Only

Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20419