Datasheet for ABIN1724716

anti-HSC70 Interacting Protein HIP antibody

4 Images | 1 Publication

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Overview

Quantity:	100 µL
Target:	HSC70 Interacting Protein HIP (ST13)
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSC70 Interacting Protein HIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human ST13 expressed in E. Coli.
Clone:	3B10
Isotype:	IgG1

Target Details

Target:	HSC70 Interacting Protein HIP (ST13)
Alternative Name:	ST13 (ST13 Products)
Background:	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-

Target Details

	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.
Molecular Weight:	48 kDa
Gene ID:	6767
HGNC:	6767

Application Details

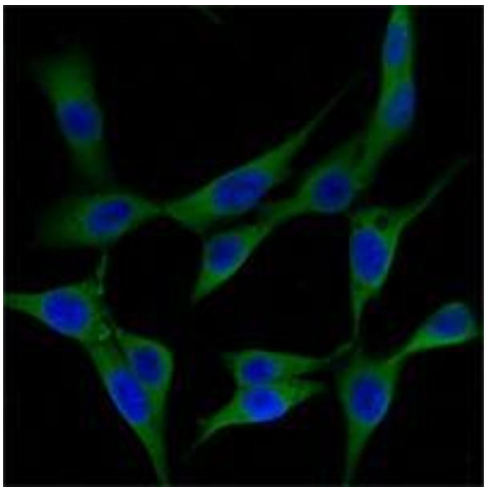
Application Notes:	Recommended Dilution: ELISA: 1/10000 WB: 1/500 - 1/2000 IHC: 1/200 - 1/1000 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C or at -20 °C for long term.

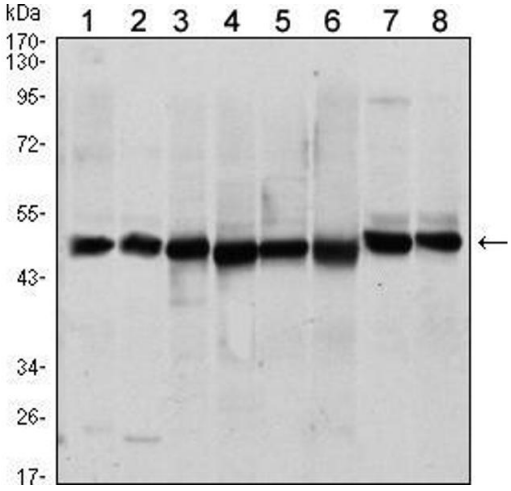
Publications

Product cited in:	Zhou, Lucas, Chan, Issaq, Petricoin, Liotta, Veenstra, Conrads: "An investigation into the human serum "interactome"." in: **Electrophoresis**, Vol. 25, Issue 9, pp. 1289-98, (2004) (PubMed).



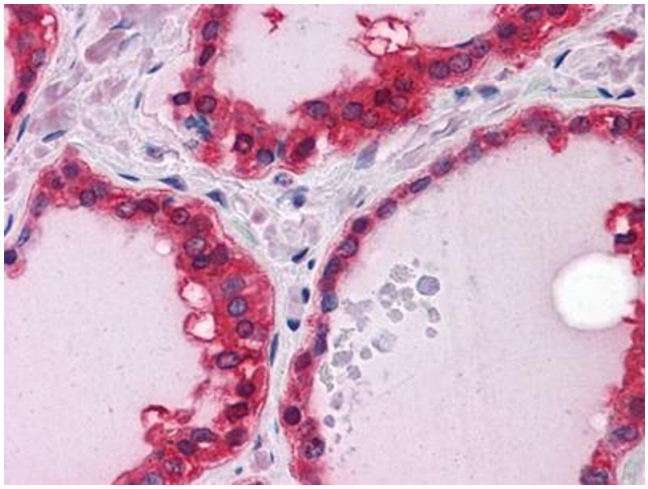
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using ST13 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Western Blotting

Image 2. 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.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human Thyroid tissues using ST13 mouse mAb

Please check the product details page for more images. Overall 4 images are available for ABIN1724716.