




Anti-Hsp70 antibody ab79852

★★★★☆ [3 Abreviews](#) [52 References](#) [画像数 6](#)

製品の概要

製品名	Anti-Hsp70 antibody
製品の詳細	Rabbit polyclonal to Hsp70
由来種	Rabbit
特異性	Detects a 70kDa protein corresponding to the molecular mass of inducible hsp70. May cross-react with Hsc70 at lower dilutions.
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Horse, Chicken, Cow, Dog, Pig, Xenopus laevis, Macaque monkey, African green monkey, Chinese hamster, Orangutan, Bos mutus grunniens, Saguinus oedipus 
免疫原	Recombinant full length protein corresponding to Human Hsp70 aa 1 to the C-terminus. Database link: P0DMV8/P0DMV9  Run BLAST with  Run BLAST with
ポジティブ・コントロール	IHC-P: mouse Inflamed colon tissue; human colon carcinoma.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab79852の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

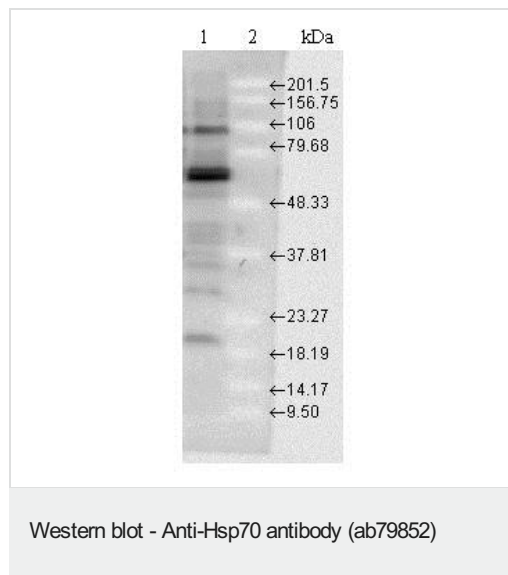
アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (2)	1/100.
WB	★★★★☆ (1)	1/10000. Detects a band of approximately 70 kDa.
IHC-P		1/100 - 1/1000.

ターゲット情報

関連性 Function: In cooperation with other chaperones, the Hsp70 family stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. In case of rotavirus A infection, serves as a post-attachment receptor for the virus to facilitate entry into the cell. Tissue specificity: HSPA1B is testis-specific.

細胞内局在 Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

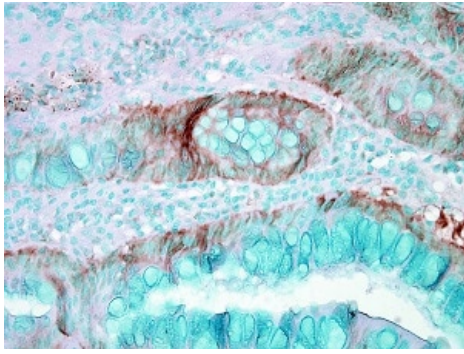
画像



All lanes : Anti-Hsp70 antibody (ab79852) at 1/25000 dilution

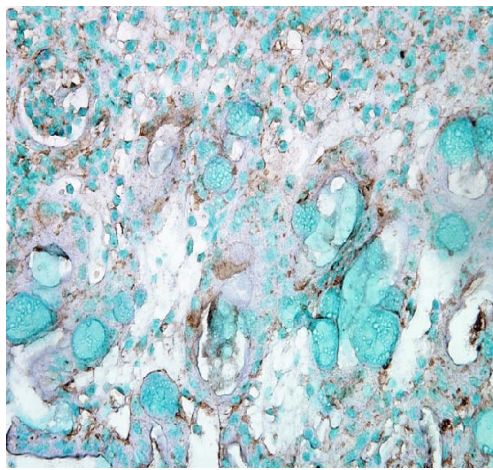
Lane 1 : Cell lysates prepared from mouse Pam212 cells

Lane 2 : Molecular weight marker



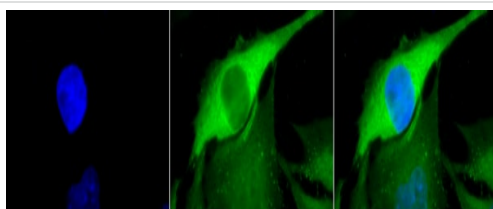
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp70 antibody (ab79852)

Immunohistochemistry of human colon carcinoma staining Hsp70 using ab79852 at 1:50000. A Biotin conjugated Goat Anti-Rabbit antibody at 1:2000 was used as a secondary antibody and Methyl Green at 200uL was used to counter stain.



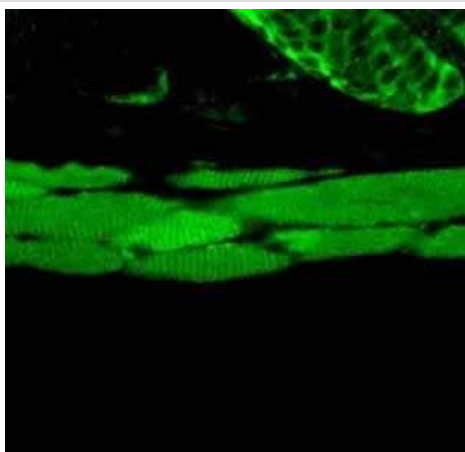
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp70 antibody (ab79852)

Immunohistochemical analysis of paraffin-embedded formalin fixed (4%) mouse Inflamed colon tissue labelling Hsp70 with ab79852 at 1/1000 dilution for 12 hours at 4°C, followed by secondary antibody Goat Anti-Rabbit (Biotin) at 1/2000 dilution for 1 hour at RT. Counter stained with Methyl Green at 200uL for 2 min at RT.



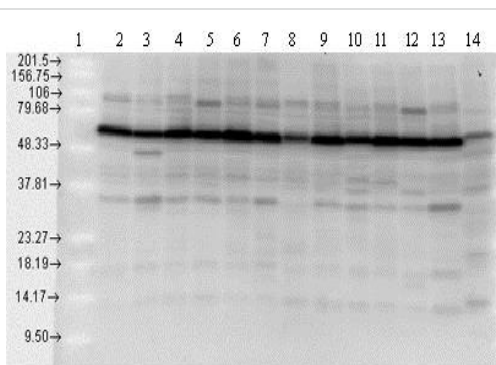
Immunocytochemistry/ Immunofluorescence - Anti-Hsp70 antibody (ab79852)

Immunocytochemistry/Immunofluorescence analysis of heat shocked HeLa cells staining Hsp70 using ab79852 at a 1:100 dilution. The secondary antibody was a FITC conjugated Goat Anti-Rabbit (green) at a 1:200 dilution. Counterstain: DAPI (blue) nuclear stain at 1:40000. A) DAPI (blue) nuclear stain. (B) Anti-Hsp70 Antibody. (C) Composite.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp70 antibody (ab79852)

ab79852 staining Hsp70 in mouse backskin tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections).



Western blot - Anti-Hsp70 antibody (ab79852)

All lanes : Anti-Hsp70 antibody (ab79852) at 1/25000 dilution

Lane 1 : Molecular weight marker

Lane 2 : Cell lysates prepared from human A431 cells

Lane 3 : Cell lysates prepared from human A549 cells

Lane 4 : Cell lysates prepared from human HCT116 cells

Lane 5 : Cell lysates prepared from HeLa cells

Lane 6 : Cell lysates prepared from HEK293 cells

Lane 7 : Cell lysates prepared from HepG2 cells

Lane 8 : Cell lysates prepared from HL-60 cells

Lane 9 : Cell lysates prepared from HUVEC cells

Lane 10 : Cell lysates prepared from Jurkat cells

Lane 11 : Cell lysates prepared from MCF7 cells

Lane 12 : Cell lysates prepared from PC3 cells

Lane 13 : Cell lysates prepared from T98G cells

Lane 14 : Tissue lysates prepared from Rat brain

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