

Anti-Hsp105/HSP110 antibody [EPR4577] ab108625

リコンビナント **RabMAb**

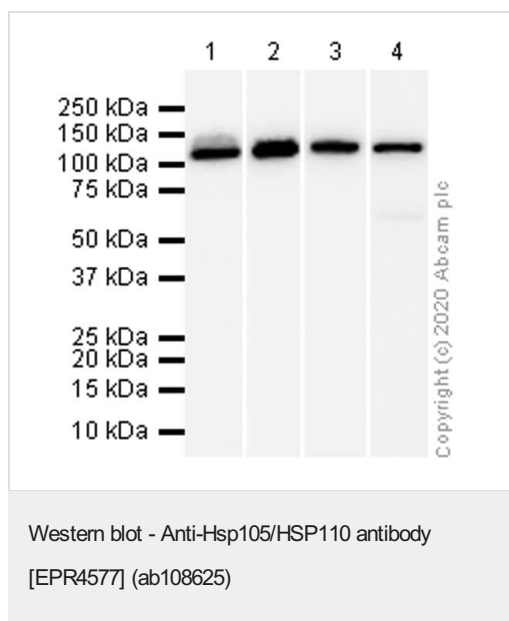
3 References **画像数 6**

製品の概要

製品名	Anti-Hsp105/HSP110 antibody [EPR4577]
製品の詳細	Rabbit monoclonal [EPR4577] to Hsp105/HSP110
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, IP, ICC/IF 適用なし: IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HeLa, HepG2, and Caco-2 whole cell lysate. Human lung tissue lysate; IHC-P: Human testis tissue; ICC/IF: HeLa and HepG2 cells; Flow Cyt (intra): HepG2 cells; IP: HeLa whole cell lysate.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Protein A purified



All lanes : Anti-Hsp105/HSP110 antibody [EPR4577] (ab108625)
at 1/1000 dilution (Purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell)
whole cell lysate

Lane 2 : HepG2 (Human hepatocellular carcinoma epithelial cell)
whole cell lysate

Lane 3 : Caco-2 (Human colorectal adenocarcinoma epithelial cell)
whole cell lysate

Lane 4 : Human lung lysate

Lysates/proteins at 20 µg per lane.

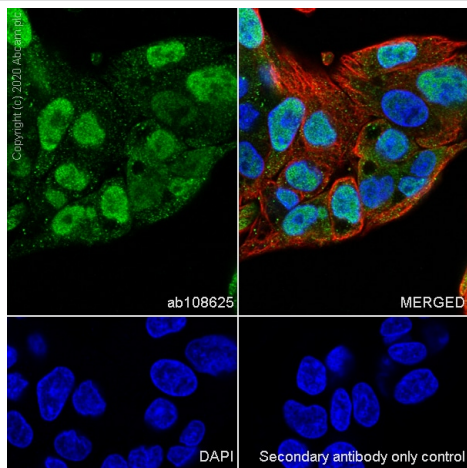
Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity
with human IgG at 1/2000 dilution

Predicted band size: 97 kDa

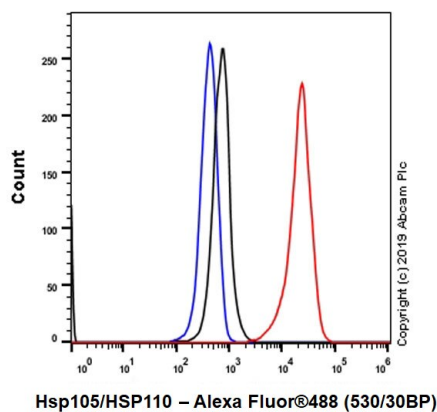
Observed band size: 105 kDa

Blocking/Diluting buffer: 5% NFDM/TBST



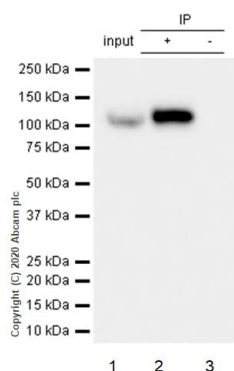
Immunocytochemistry/ Immunofluorescence - Anti-Hsp105/HSP110 antibody [EPR4577] (ab108625)

Immunocytochemistry/Immunofluorescence analysis of HepG2 (Human hepatocellular carcinoma epithelial cell) cells labeling Hsp105/HSP110 with Purified ab108625 at 1:50 dilution (2.7 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



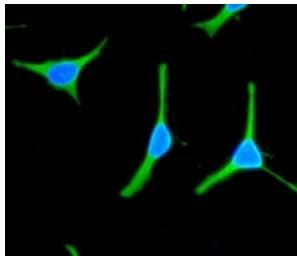
Flow Cytometry (Intracellular) - Anti-Hsp105/HSP110 antibody [EPR4577] (ab108625)

Intracellular Flow Cytometry analysis of HepG2 (Human hepatocellular carcinoma epithelial cell) cells, labeling Hsp105/HSP110 with Purified ab108625 at 1/20 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunoprecipitation - Anti-Hsp105/HSP110 antibody [EPR4577] (ab108625)

Purified ab108625 at 1:20 dilution (0.6 µg) immunoprecipitating Hsp105/HSP110 in HeLa whole cell lysate.
 Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate 10 µg
 Lane 2 (+): ab108625 + HeLa whole cell lysate.
 Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab108625 in HeLa whole cell lysate.
 Blocking Buffer and concentration: 5% NFDm/TBST.
 Diluting buffer and concentration: 5% NFDm/TBST.
 Observed band size: 105 kDa



ab108625, unpurified, at 1/100 dilution staining Hsp105/HSP110 in HeLa cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Hsp105/HSP110 antibody [EPR4577] (ab108625)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Hsp105/HSP110 antibody [EPR4577]
(ab108625)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors