

Datasheet for ABIN392346
anti-HSP90AB1 antibody (AA 438-465)



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3 Images

1 Publication

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | HSP90AB1 |
| Binding Specificity: | AA 438-465 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HSP90AB1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS) |

Product Details

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| Immunogen: | This HSP90AB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 438-465 amino acids from the Central region of human HSP90AB1. |
| Clone: | RB17788 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B, C, Hs, Pr, M, Rb, Rat |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

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|---------|----------|
| Target: | HSP90AB1 |
|---------|----------|

Target Details

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|-------------------|---|
| Alternative Name: | HSP90AB1 (HSP90AB1 Products) |
| Background: | HSPCB are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. This protein normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. |
| Molecular Weight: | 83264 |
| Gene ID: | 3326 |
| NCBI Accession: | NP_001258898 , NP_001258899 , NP_001258900 , NP_031381 |
| UniProt: | P08238 |
| Pathways: | Regulation of Cell Size |

Application Details

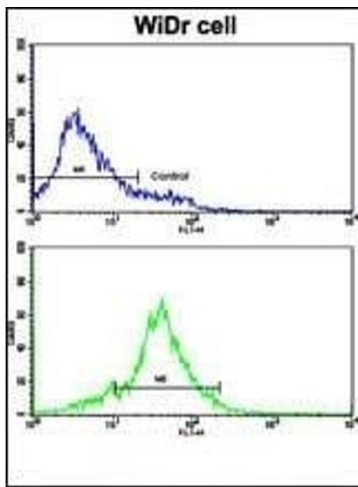
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| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |

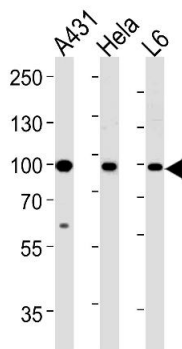
Publications

| | |
|-------------------|--|
| Product cited in: | Wu, Huang, Liu, Liu: "Heat shock protein 90-? over-expression is associated with poor survival in stage I lung adenocarcinoma patients." in: International journal of clinical and experimental pathology , Vol. 8, Issue 7, pp. 8252-9, (2015) (PubMed). |
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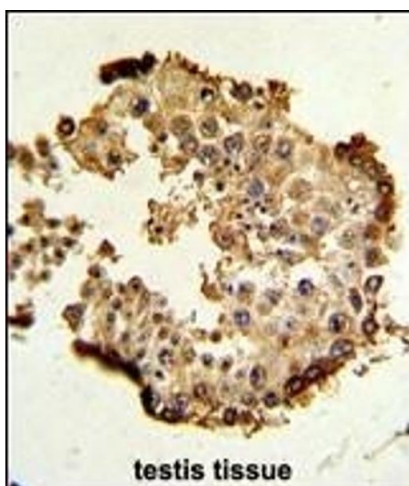
Flow Cytometry

Image 1. Flow cytometric analysis of WiDr cells using HSP90AB1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. HSP90AB1 Antibody (Center) (ABIN392346 and ABIN2841985) western blot analysis in A431,HeLa,L6 cell line lysates (35 µg/lane).This demonstrates the HSP90AB1 antibody detected the HSP90AB1 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human testis tissue reacted with HSP90AB1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.