Datasheet for ABIN2855047

anti-HSP90AB1 antibody (N-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	HSP90AB1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human HSP90 beta. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rhesus Monkey
Cross-Reactivity (Details):	Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to HSP90 beta (heat shock protein 90 kDa alpha (cytosolic), class B member 1) HSP90 beta antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HSP90AB1
Alternative Name:	HSP90 beta (HSP90AB1 Products)
Background:	HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1, MIM 191175) and mitochondria (TRAP1, MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM] Cellular Localization: Cytoplasm , Melanosome
Molecular Weight:	83 kDa
Gene ID:	3326
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Immunoprecipitation Assay-dependent dilution Western blot 1:500-1:3000* ELISA-Ag Assay-dependent dilution Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* ImmunoprecipitationAssay-dependent dilution Western blot1:500-1:3000* ELISA-AgAssay-dependent dilution
Comment:	Positive Control: 293T , A431 , *RK3E ,
Restrictions:	For Research Use only

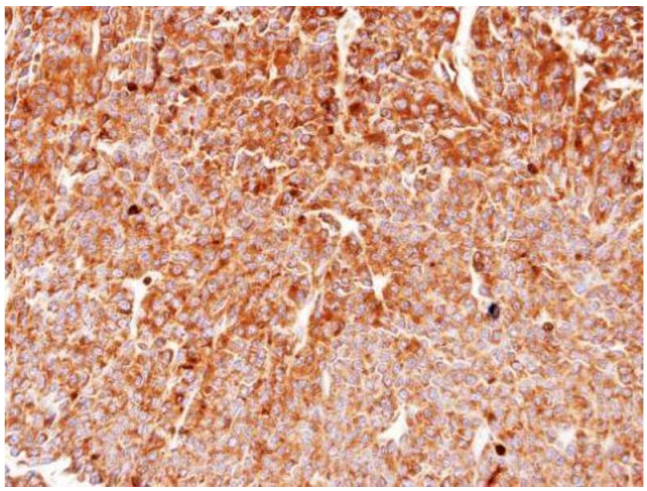
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Handling

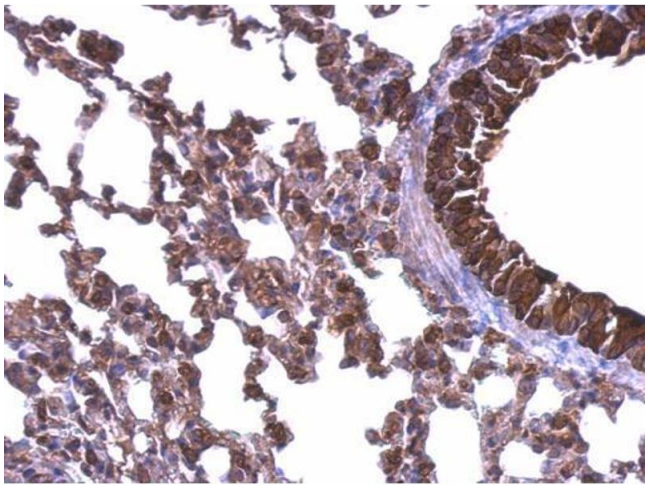
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104252 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



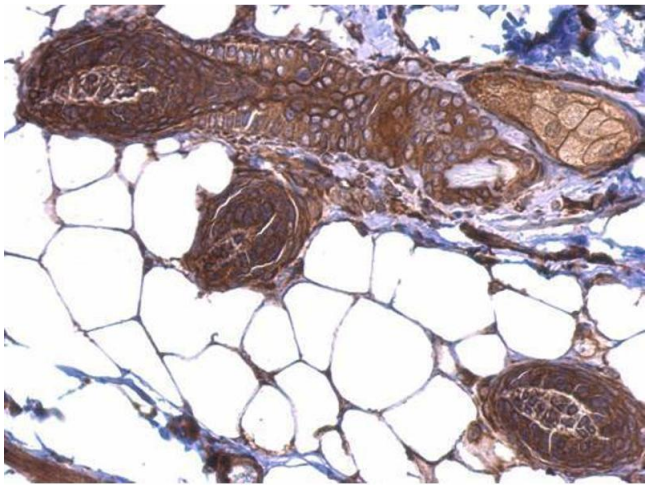
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded BT483 xenograft, using HSP90 beta, antibody at 1:100 dilution.



Immunohistochemistry

Image 2. IHC-P Image HSP90 beta antibody detects HSP90 beta protein at cytosol on mouse lung by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. HSP90 beta antibody , dilution: 1:500.



Immunohistochemistry

Image 3. IHC-P Image HSP90 beta antibody detects HSP90 beta protein at cytosol on mouse skin by immunohistochemical analysis. Sample: Paraffin-embedded mouse skin. HSP90 beta antibody , dilution: 1:500.

Please check the product details page for more images. Overall 5 images are available for ABIN2855047.