

Product datasheet

Anti-Hsp90 antibody [AC-16] ab6536

画像数 2

製品の概要

製品名	Anti-Hsp90 antibody [AC-16]
製品の詳細	Mouse monoclonal [AC-16] to Hsp90
由来種	Mouse
特異性	The antibody is reactive with both the constitutive and the inducible forms of HSP90. However, it does not bind to the native form of HSP90. It does not recognize HSP90 from <i>E. coli</i> and yeast.
アプリケーション	適用あり: IHC-P, IHC-Fr, WB
種交差性	交差種: Mouse, Rat, Rabbit, Chicken, Human
免疫原	Full length native protein (purified). (<i>Achlya ambisexualis</i>)
ポジティブ・コントロール	HeLa lysate
特記事項	Monoclonal Anti-Heat Shock Protein 90 (mouse IgG2b isotype) is derived from the AC-16 hybridoma produced by the fusion of mouse myeloma cells and splenocytes from B10S mice immunized with heat shock protein 90 purified from the water mold <i>Achlya ambisexualis</i> .

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 50% Glycerol, PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	AC-16
アイソタイプ	IgG2b

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab6536** in the following tested applications.

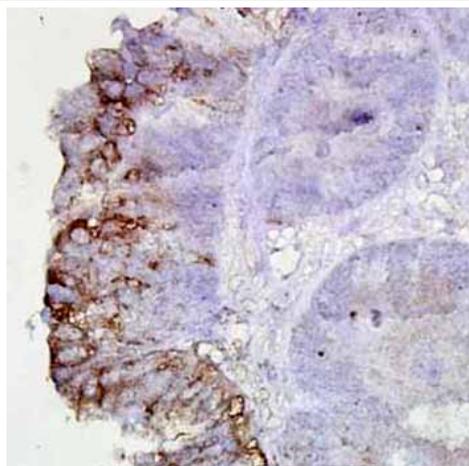
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
WB		1/1000. Predicted molecular weight: 83 kDa.

ターゲット情報

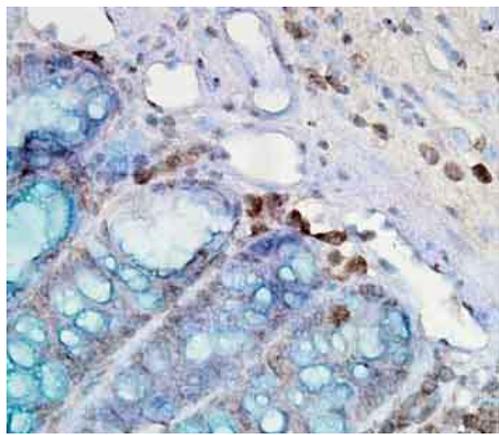
機能	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.
配列類似性	Belongs to the heat shock protein 90 family.
ドメイン	The TPR repeat-binding motif mediates interaction with TPR repeat-containing proteins like the co-chaperone STUB1.
翻訳後修飾	ISGylated. S-nitrosylated; negatively regulates the ATPase activity and the activation of eNOS by HSP90AA1.
細胞内局在	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



ab6536 at 1/2000 dilution staining Hsp90 in human colon cancer tissue section by Immunohistochemistry (Bouin's fixed paraffin-embedded tissue sections). Tissue underwent heat mediated antigen retrieval in microwave with 2, 5 minutes incubation intervals in citrate buffer.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp90 antibody [AC-16] (ab6536)



ab6536 at 1/2000 dilution staining Hsp90 in mouse colon cancer tissue section by Immunohistochemistry (Bouin's fixed paraffin-embedded tissue sections). Tissue underwent heat mediated antigen retrieval in microwave with 2, 5 minutes incubation intervals in citrate buffer. A antibody amplifier™ was used for staining. A HRP-conjugated anti mouse secondary was used at 1/10 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp90 antibody [AC-16] (ab6536)

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