

## Product datasheet

# Anti-IPL-1/STK13/Aurora C antibody [EP1011Y] ab46783

リコンビナント RabMAb®

1 Abreviews 画像数 1

### 製品の概要

製品名	Anti-IPL-1/STK13/Aurora C antibody [EP1011Y]
製品の詳細	Rabbit monoclonal [EP1011Y] to IPL-1/STK13/Aurora C
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: ICC/IF
種交差性	交差種: Human
免疫原	Synthetic peptide within Human IPL-1/STK13/Aurora C aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HepG2 cell lysate
特記事項	

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#)

This product is a recombinant rabbit monoclonal antibody.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP1011Y
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab46783** 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
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WB

#### 追加情報

WB: 1/1000. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa).

This antibody does not seem to be suitable for ICC/IF (please see abreview).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### ターゲット情報

##### 機能

May play a part in organizing microtubules in relation to the function of the centrosome/spindle pole during mitosis. May also contribute to the regulation of chromosome segregation and cytokinesis.

##### 組織特異性

Isoform 1 and isoform 2 are expressed in testis. Elevated expression levels were seen only in a subset of cancer cells such as HepG2, HuH7 and HeLa cells. Expression is maximum at M phase.

##### 関連疾患

Defects in AURKC are the cause of male infertility with large-headed multiflagellar polyploid spermatozoa (MIMPS) [MIM:243060]; also known as infertility associated with multi-tailed spermatozoa and excessive DNA.

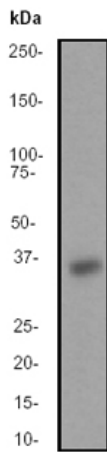
##### 配列類似性

Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Aurora subfamily. Contains 1 protein kinase domain.

##### 細胞内局在

Chromosome. Cytoplasm > cytoskeleton > spindle. Distributes in the condensed chromosomes during prophase to metaphase. After entering anaphase, there is a dissociation from separated chromosomes and a redistribution to midzone microtubules, and finally remains in the midbody during cytokinesis.

#### 画像



Anti-IPL-1/STK13/Aurora C antibody  
[EP1011Y] (ab46783) at 1/1000 dilution +  
HepG2 lysate at 10 µg

**Secondary**

goat anti rabbit HRP

**Predicted band size:** 36 kDa

**Observed band size:** 36 kDa

Western blot - Anti-IPL-1/STK13/Aurora C antibody  
[EP1011Y] (ab46783)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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