

Anti-Separase antibody [XJ11-1B12] ab16170

★★★★☆ **4 Abreviews** **14 References** **画像数 1**

製品の概要

製品名	Anti-Separase antibody [XJ11-1B12]
製品の詳細	Mouse monoclonal [XJ11-1B12] to Separase
由来種	Mouse
アプリケーション	適用あり: WB 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: MDA-MB-231 whole cell lysate.
特記事項	<p>Separase antibodies can be used as a specific marker for centrosomes of mitotic cells. The staining of separase in centrosomes can be detected from prophase of mitosis up until anaphase.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Protein G purified
一次抗体 備考	Separase antibodies can be used as a specific marker for centrosomes of mitotic cells. The

staining of separase in centrosomes can be detected from prophase of mitosis up until anaphase.

ポリ/モノ	モノクローナル
クローン名	XJ11-1B12
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab16170の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

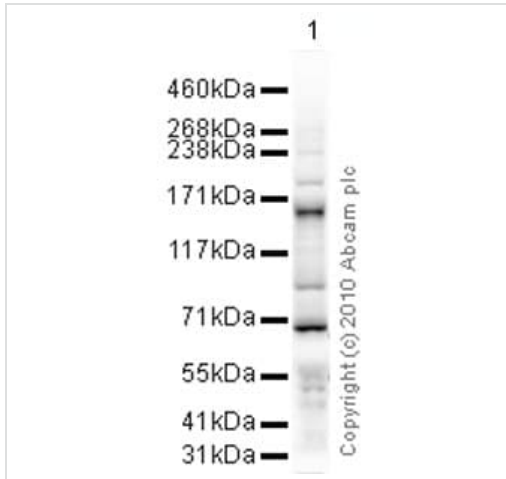
アプリケーション	Abreviews	特記事項
WB	★★★★☆ (2)	Use a concentration of 10 µg/ml. Detects a band of approximately 170 kDa (predicted molecular weight: 233 kDa).

追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能	Caspase-like protease, which plays a central role in the chromosome segregation by cleaving the SCC1/RAD21 subunit of the cohesin complex at the onset of anaphase. During most of the cell cycle, it is inactivated by different mechanisms.
配列類似性	Belongs to the peptidase C50 family.
翻訳後修飾	Autocleaves. This function, which is not essential for its protease activity, is unknown. Phosphorylated by CDK1. There are 8 Ser/Thr phosphorylation sites. Among them, Ser-1126 phosphorylation is the major site, which conducts to the enzyme inactivation.
細胞内局在	Cytoplasm. Nucleus.

画像



Western blot - Anti-Separase antibody [XJ11-1B12] (ab16170)

Anti-Separase antibody [XJ11-1B12] (ab16170) at 10 µg/ml +
MDA-MB-231 (Human breast adenocarcinoma cell line) Whole Cell
Lysate at 20 µg

Secondary

Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at
1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 233 kDa

Observed band size: 170 kDa

Additional bands at: 100 kDa, 70 kDa (possible cleavage
fragment). We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes

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