

Anti-RICTOR antibody [7B3] ab104838

6 References [画像数 5](#)

製品の概要

製品名	Anti-RICTOR antibody [7B3]
製品の詳細	Mouse monoclonal [7B3] to RICTOR
由来種	Mouse
アプリケーション	適用あり: WB, IHC-P, Flow Cyt, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Purified recombinant fragment of Human RICTOR expressed in <i>E. Coli</i> .
ポジティブ・コントロール	HeLa, PANC-1, MOLT4, HepG2 and HEK293 cell lysates. Thyroid gland tissues and Human breast carcinoma. NIH3T3 cells.
特記事項	<p>This product was changed from ascites to supernatant. Lot no's high than GR173148-16 are from Tissue Culture Supernatant</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. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項 (精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	7B3
アイソタイプ	IgG1

アプリケーション

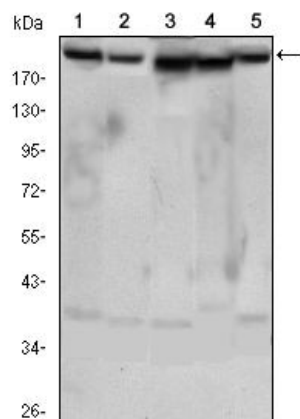
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab104838の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/2000. Predicted molecular weight: 192 kDa.
IHC-P		1/200 - 1/1000.
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		1/200 - 1/1000.

ターゲット情報

機能	Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors. mTORC2 promotes the serum-induced formation of stress-fibers or F-actin. mTORC2 plays a critical role in AKT1 'Ser-473' phosphorylation, which may facilitate the phosphorylation of the activation loop of AKT1 on 'Thr-308' by PDK1 which is a prerequisite for full activation. mTORC2 regulates the phosphorylation of SGK1 at 'Ser-422'. mTORC2 also modulates the phosphorylation of PRKCA on 'Ser-657'. Plays an essential role in embryonic growth and development.
配列類似性	Belongs to the RICTOR family.
翻訳後修飾	Phosphorylated by MTOR; when part of mTORC2. Phosphorylated at Thr-1135 by RPS6KB1; phosphorylation of RICTOR inhibits mTORC2 and AKT1 signaling.

画像



Western blot - Anti-RICTOR antibody [7B3]
(ab104838)

All lanes : Anti-RICTOR antibody [7B3] (ab104838) at 1/500 dilution

Lane 1 : HeLa cell lysate.

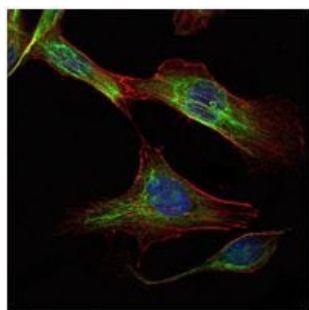
Lane 2 : PANC-1 cell lysate.

Lane 3 : MOLT4 cell lysate.

Lane 4 : HepG2 cell lysate.

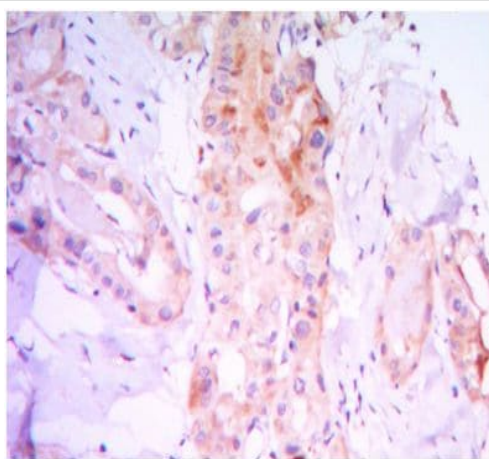
Lane 5 : HEK293 cell lysate.

Predicted band size: 192 kDa



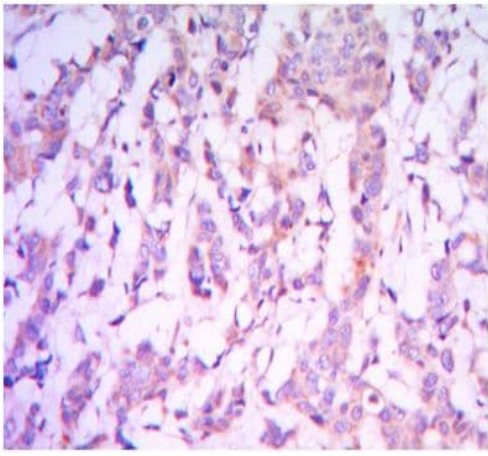
Immunocytochemistry/ Immunofluorescence - Anti-RICTOR antibody [7B3] (ab104838)

ab104838 at 1/200 dilution staining RICTOR in NIH3T3 cells (green) by immunofluorescence. DRAQ5 fluorescent DNA dye is shown in blue. Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



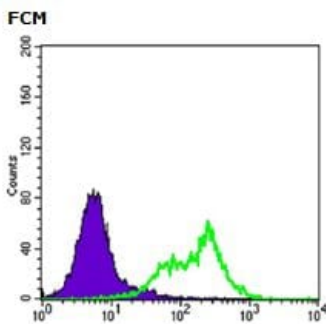
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RICTOR antibody [7B3]
(ab104838)

ab104838 at 1/200 dilution staining RICTOR in paraffin-embedded thyroid gland tissues by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RICTOR antibody [7B3] (ab104838)

ab104838 at 1/200 dilution staining RICTOR in paraffin-fixed Human breast carcinoma by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).



Flow Cytometry - Anti-RICTOR antibody [7B3] (ab104838)

ab104838 used for Flow cytometric analysis of HeLa cells (green). The negative control is shown in purple.

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