

Product Datasheet

STK11 (LKB1) Antibody (N-term I29) (orb1929449)

Catalog Number	orb1929449
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	STK11 (HGNC:11389)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Other, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This STK11 (LKB1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-44 amino acids from the N-terminal region of human STK11 (LKB1). Antigen Region: 14-44 aa.
UniProt ID	Q15831
MW	48636 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:50-100, FC - 1:10-50

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

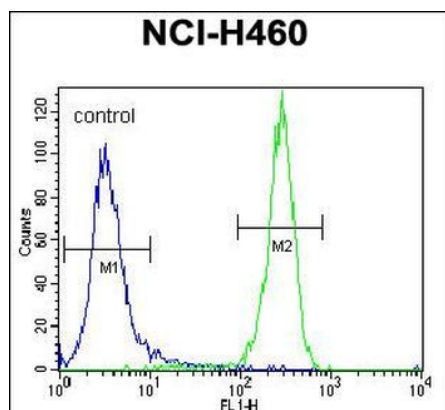
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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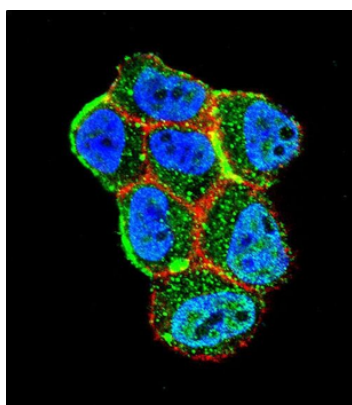
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Clone Number	RB3547
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_000446.1
Expiration Date	12 months from date of receipt.



STK11 (LKB1) Antibody (N-term I29) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of STK11 (LKB1) Antibody (N-term I29) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).

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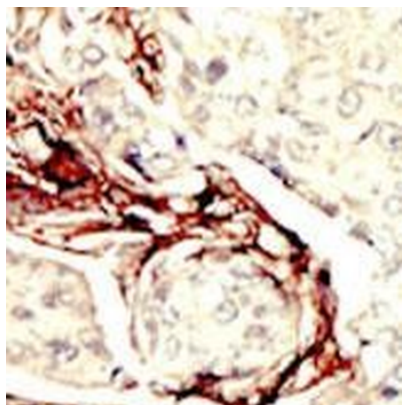
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

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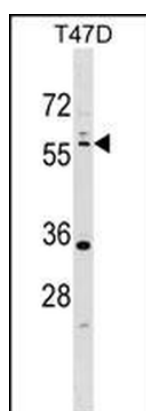
68 TW Alexander Drive
Research Triangle Park
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Email: info@biorbyt.com, support@biorbyt.com

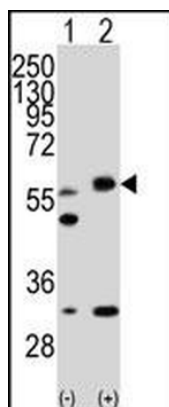
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



STK11 Antibody (I29) western blot analysis in T47D cell line lysates (35 ug/lane). This demonstrates the STK11 antibody detected the STK11 protein (arrow).



Western blot analysis of STK11 (arrow) using rabbit polyclonal STK11 Antibody.293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the STK11 gene (Lane 2).

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