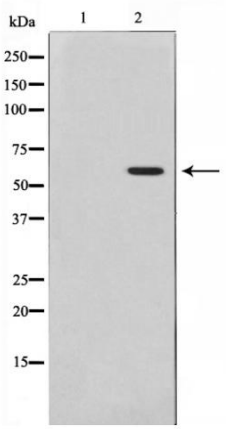
Phospho-Akt (Thr308) Antibody (FITC Conjugated)

E18-3262 -FITC

Catalog Number:	E18-3262-FITC
Amount:	100μl
Other names:	AKT2; Murine thymoma viral (v-akt) homolog-2; PKB beta; PKBB; PKBBETA; PRKBB; Protein kinase Akt-2; Protein kinase B beta; rac protein kinase beta; RAC-BETA; RAC-beta serine/threonine-protein kinase; RAC-PK-beta; v-akt murine thymoma viral oncogene homolo
Background:	Akt2 an AGC kinase. Plays critical roles in glucose metabolism and the development or maintenance of proper adipose tissue and islet mass for which other Akt/PKB isoforms are unable to fully compensate. Amplified and overexpressed in human ovarian carcinoma cell lines and amplified in some primary ovarian and pancreatic tumors. Antisense blocks invasiveness in xenografts.
Form of Antibody:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Storage/Stability:	Store at -20℃/1 year
Immunogen:	A synthesized peptide derived from human Akt around the phosphorylation site of Threonine 308
Purification:	Immunogen affinity purified
Specificity/Sensitivity:	Phospho-Akt (Thr308) Antibody detects endogenous levels of Akt only when phosphorylated at Threonine 308
Conjugation:	FITC
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000 IF/FCM 1:50-1:200 IHC 1:50-1:200
Molecular Weight:	60kDa
Swiss-Prot No. :	P31749/P31751



Western blot analysis of Akt phosphorylation expression in Insulin treated 293 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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