bs-12890R

[Primary Antibody]

phospho-Brk (Tyr447) Rabbit pAb



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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 5753 **SWISS:** Q13882

Target: Brk (Tyr447)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

Brk around the phosphorylation site of Tyr447: TS(p-Y)EN.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This protein encoded is a cytoplasmic nonreceptor protein kinase

which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. Its presence in the nucleus appears to be linked to suppression of tumor progression.

The encoded protein has been shown to undergo

autophosphorylation.

Applications: Flow-Cyt (3µg/Test)

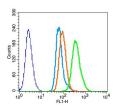
Reactivity: Human

Predicted MW.: 52 kDa

Subcellular Cell membrane ,Cytoplasm

Location: , Nucleus

VALIDATION IMAGES



Blank control: U937(blue) Isotype Control Antibody: Rabbit IgG(orange); Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA; Primary Antibody Dilution: 5µl in 100 µL1X PBS containing 0.5% BSA(green).

- SELECTED CITATIONS -

• [IF=3.98] Akl, Mohamed R., et al. "The Marine-Derived Sipholenol A-4-O-3', 4'-Dichlorobenzoate Inhibits Breast Cancer Growth and Motility in Vitro and in Vivo through the Suppression of Brk and FAK Signaling." Marine Drugs 12.4 (2014): 2282-2304. IHC; Mouse. 24736807