

c-Ros Antibody FITC Conjugated

Catalog No: #C04148F

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Description

Product Name	c-Ros Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 2300-2345 2347 derived from human c-Ros
Conjugates	FITC
Target Name	c-Ros
Other Names	ROS; MCF3; c-ros-1; Proto-oncogene tyrosine-protein kinase ROS; Proto-oncogene c-Ros; Proto-oncogene c-Ros-1; Receptor tyrosine kinase c-ros oncogene 1; c-Ros receptor tyrosine kinase; ROS1
Accession No.	Swiss-Prot#P08922NCBI Gene ID6098
Uniprot	P08922
GeneID	6098;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Orphan receptor tyrosine kinase (RTK) that plays a role in epithelial cell differentiation and regionalization of the proximal epididymal epithelium. May activate several downstream signaling pathways related to cell differentiation, proliferation, growth and survival including the PI3 kinase-mTOR signaling pathway. Mediates the phosphorylation of PTPN11, an activator of this pathway. May also phosphorylate and activate the transcription factor STAT3 to control anchorage-independent cell growth. Mediates the phosphorylation and the activation of VAV3, a guanine nucleotide exchange factor regulating cell morphology. May activate other downstream signaling proteins including AKT1, MAPK1, MAPK3, IRS1 and PLCG2.

Note: This product is for in vitro research use only