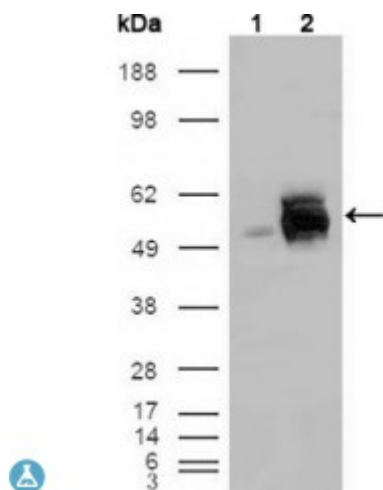


Anti-Rak antibody



Description	Mouse monoclonal to Rak.
Model	STJ98353
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of Rak (aa2-300) expressed in E. Coli.
Immunogen Region	2-300aa
Gene ID	2444
Gene Symbol	FRK
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Rak Monoclonal Antibody detects endogenous levels of Rak protein.
Tissue Specificity	Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.
Purification	Affinity purification
Clone ID	1A8H2C12
Note	For Research Use Only (RUO).
Protein Name	Tyrosine-protein kinase FRK FYN-related kinase Nuclear tyrosine protein kinase RAK Protein-tyrosine kinase 5
Clonality	Monoclonal

Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3955OMIM:606573
Alternative Names	Tyrosine-protein kinase FRK FYN-related kinase Nuclear tyrosine protein kinase RAK Protein-tyrosine kinase 5
Function	Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor.
Cellular Localization	Cytoplasm Nucleus. Predominantly found in the nucleus, with a small fraction found in the cell periphery.

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