

Rak Monoclonal Antibody

Catalog No :	YM0551
Reactivity :	Human
Applications :	WB;IHC;IF;ELISA
Target :	Rak
Gene Name :	FRK
Protein Name :	Tyrosine-protein kinase FRK
Human Gene Id :	2444
Human Swiss Prot No :	P42685
Mouse Swiss Prot No :	Q922K9
Immunogen :	Purified recombinant fragment of Rak (aa2-300) expressed in E. Coli.
Specificity :	Rak Monoclonal Antibody detects endogenous levels of Rak protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. IHC 1:200 - 1:1000. ELISA: 1:10000.. IF 1:50-200
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	58kD
P References :	1. Int J Cancer. 1993 Jun 19;54(4):571-7. 2. Proc Natl Acad Sci U S A. 2002 Dec 24;99(26):16899-903. 3. Neurosci Lett. 2004 Apr 22;360(1-2):109-11.

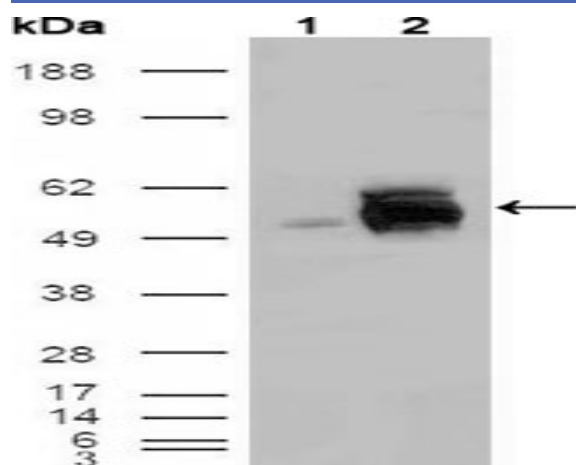
Background : The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. [provided by RefSeq, Jul 2008],

Function : catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,tissue specificity:Restricted to cells lines derived from tissues of lymphoid, brain, breast, colon and bladder origin.,

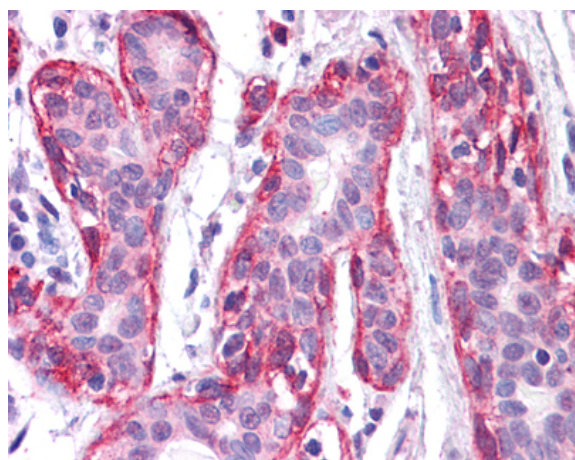
Subcellular Location : Cytoplasm . Nucleus . Predominantly found in the nucleus, with a small fraction found in the cell periphery.

Expression : Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.

Products Images



Western Blot analysis using Rak Monoclonal Antibody against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY Rak cDNA (2).



Immunohistochemistry analysis of paraffin-embedded human Breast tissues with AEC staining using Rak Monoclonal Antibody.