

## FRK Antibody

Catalog No: #33770



Package Size: #33770-1 50ul #33770-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	FRK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total FRK protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human FRK.
Target Name	FRK
Other Names	EC 2.7.1.112; EC 2.7.10.2; Nuclear tyrosine protein kinase RAK; Tyrosine-protein kinase FRK; fyn-related kinase
Accession No.	Swiss-Prot: P42685NCBI Gene ID: 2444
Uniprot	P42685
GeneID	2444;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

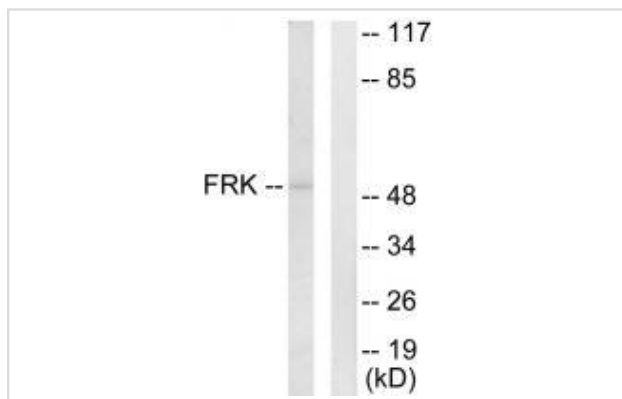
## Application Details

Western blotting: 1:500~1:3000

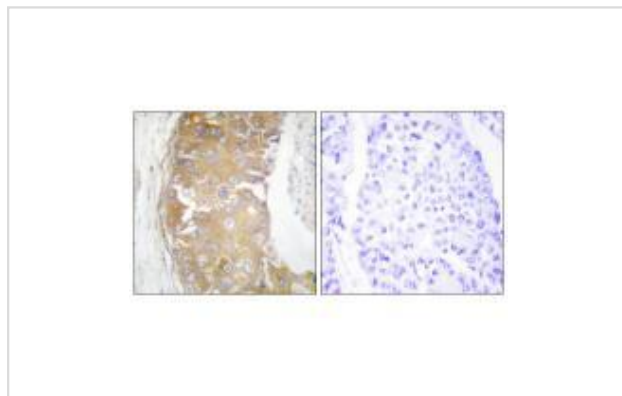
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

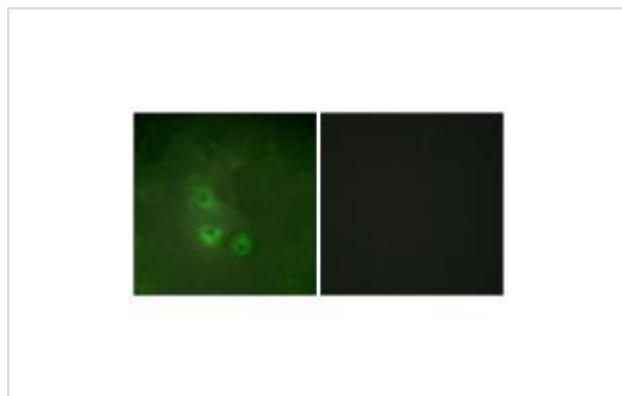
## Images



Western blot analysis of extracts from Jurkat cells, using FRK antibody #33770.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using FRK antibody #33770.



Immunofluorescence analysis of HUVEC cells, using FRK antibody #33770.

## Background

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.

Lee J., Gene 138:247-251(1994).

Cance W.G., Cell Growth Differ. 5:1347-1355(1994).

Zhang Y., Mol. Cell. Proteomics 4:1240-1250(2005).

Note: This product is for in vitro research use only