

Product datasheet for **CF500525**

FRK Mouse Monoclonal Antibody [Clone ID: OTI5G4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5G4
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:50, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FRK (NP_002022) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58.1 kDa
Gene Name:	fyn related Src family tyrosine kinase
Database Link:	NP_002022 Entrez Gene 14302 Mouse Entrez Gene 79209 Rat Entrez Gene 2444 Human P42685
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]

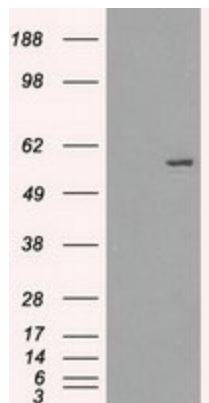


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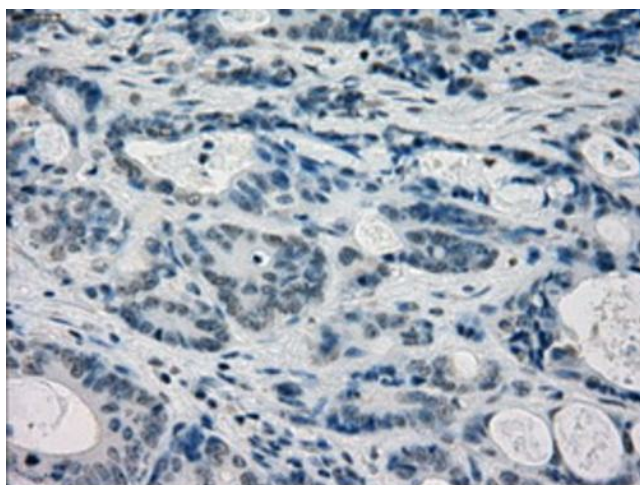
Synonyms: GTK; PTK5; RAK

Protein Families: Druggable Genome, Protein Kinase

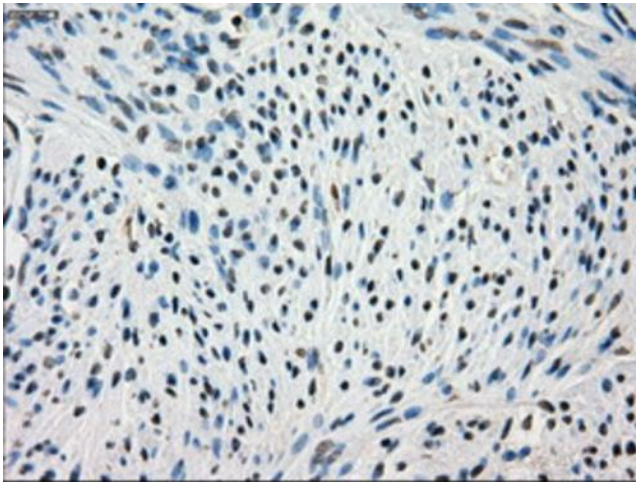
Product images:



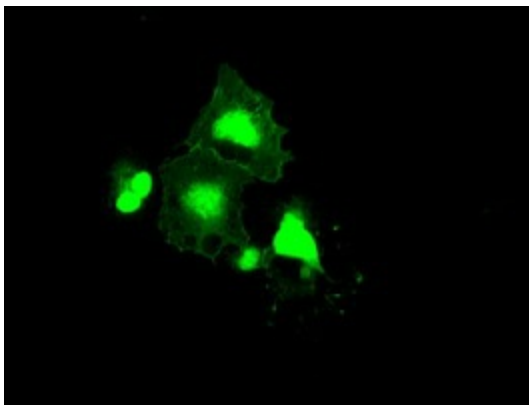
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FRK ([RC204460], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FRK. Positive lysates [LY400740] (100ug) and [LC400740] (20ug) can be purchased separately from OriGene.



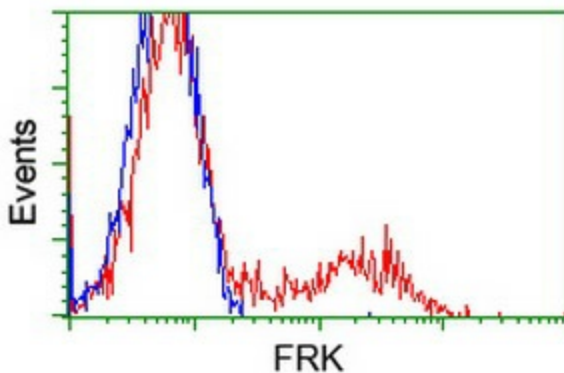
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FRK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500525])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-FRK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500525])



Anti-FRK mouse monoclonal antibody ([TA500525]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FRK ([RC204460]).



HEK293T cells transfected with either [RC204460] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FRK antibody ([TA500525]), and then analyzed by flow cytometry.