

Product datasheet for **TA500525S**

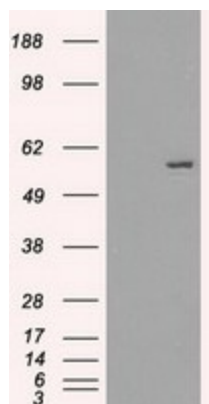
FRK Mouse Monoclonal Antibody [Clone ID: OTI5G4]

Product data:

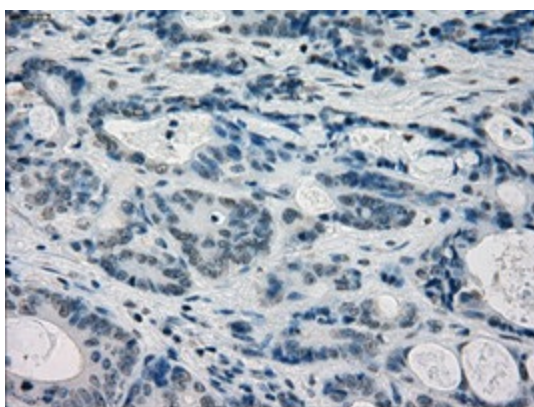
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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5G4 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:500, IHC 1:50, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human FRK (NP_002022) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| 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] |
| Synonyms: | GTK; PTK5; RAK |
| Protein Families: | Druggable Genome, Protein Kinase |



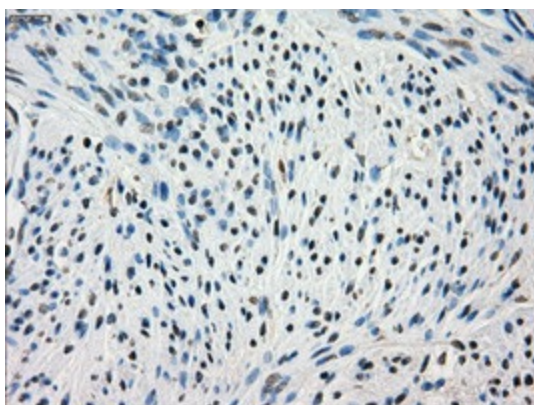
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Product images:

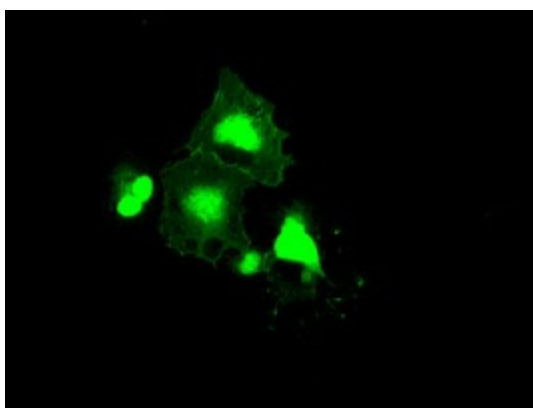
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FRK ([RC204460], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FRK. Positive lysates [LY400740] (100ug) and [LC400740]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



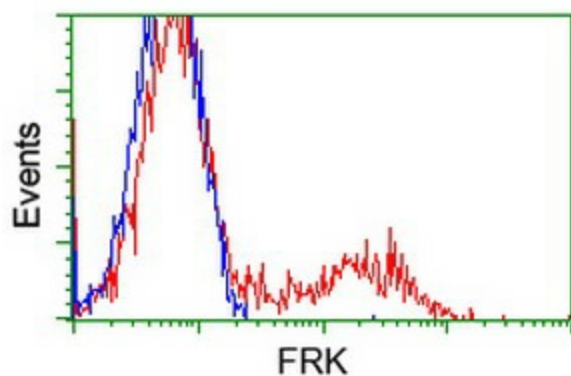
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FRK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500525])



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.