



# Rak Monoclonal Antibody

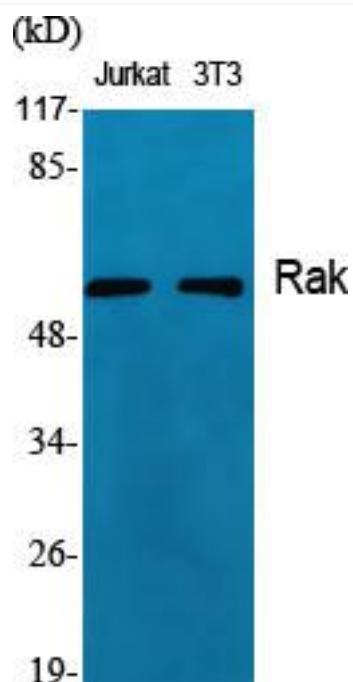
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-14975                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                 | FRK                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Name</b>              | Tyrosine-protein kinase FRK                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human FRK. AA range:71-120                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>               | Rak Monoclonal Antibody detects endogenous levels of Rak protein.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                  | FRK; PTK5; RAK; Tyrosine-protein kinase FRK; FYN-related kinase; Nuclear tyrosine protein kinase RAK; Protein-tyrosine kinase 5                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>             | 55kD                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>              | Cytoplasm . Nucleus . Predominantly found in the nucleus, with a small fraction found in the cell periphery.                                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>        | Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>                  | 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., |
| <b>Background</b>                | 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],                                                                                                                                                                                              |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                |



### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Western Blot analysis of various cells using Rak Monoclonal Antibody