

# Immunotag™ Rak Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM0551
Product Description	Immunotag™ Rak Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Rak
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Purified recombinant fragment of Rak (aa2-300) expressed in E. Coli.
Specificity	Rak Monoclonal Antibody detects endogenous levels of Rak protein.
Purification	Affinity purification
Form	Ascitic fluid containing 0.03% sodium azide.
Gene Name	FRK
Accession No.	P42685 Q922K9
Alternate Names	FRK; PTK5; RAK; Tyrosine-protein kinase FRK; FYN-related kinase; Nuclear tyrosine protein kinase RAK; Protein-tyrosine kinase 5
Description	fyn related Src family tyrosine kinase(FRK) Homo sapiens 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],
Protein Expression	Epithelium,Lymphoid,Urinary bladder,

## Antibody Specification

Subcellular Localization	intracellular,nucleus,cytoplasm,extrinsic component of cytoplasmic side of plasma membrane,intracellular membrane-bounded organelle,extracellular exosome,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.