

Immunotag™ Rak Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM0552
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,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Purified recombinant fragment of human Rak expressed in E. Coli.
Specificity	Rak Monoclonal Antibody detects endogenous levels of Rak protein.
Purification	Affinity purification
Form	Antibody are purified by protein G affinity chromatography. Liquid in PBS containing 50% glycerol and 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],

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Protein Expression	Epithelium,Lymphoid,Urinary bladder,
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.