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anti-PTK7 antibody (C-Term)



Publication



Overview	
Quantity:	100 μL
Target:	PTK7
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Flow Cytometry (FACS)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human CCK4.
	The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to CCK4 (CCK4 protein tyrosine kinase 7)
	CCK4 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	PTK7

Target Details

Alternative Name:	protein tyrosine kinase 7 (inactive) (PTK7 Products)
Background:	Receptor protein tyrosine kinases transduce extracellular signals across the cell membrane. A
	subgroup of these kinases lack detectable catalytic tyrosine kinase activity but retain roles in
	signal transduction. The protein encoded by this gene is a member of this subgroup of tyrosine
	kinases and may function as a cell adhesion molecule. This gene is thought to be expressed in
	colon carcinomas but not in normal colon, and therefore may be a marker for or may be
	involved in tumor progression. Four transcript variants encoding four different isoforms have
	been found for this gene.
	Cellular Localization: Membrane, Single-pass type I membrane protein
Molecular Weight:	118 kDa
Gene ID:	5754
UniProt:	Q13308
Pathways:	RTK Signaling, Tube Formation
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.36 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.

Publications

Product cited in:

Rodriguez-Gil, Hu, Greer: "Dishevelled proteins are associated with olfactory sensory neuron presynaptic terminals." in: **PLoS ONE**, Vol. 8, Issue 2, pp. e56561, (2013) (PubMed).