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[Primary Antibody]

Recombinant Rabbit Anti-PTK2 Monoclonal Antibody

Catalog Number: SLA2953M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4B2
GeneID:	5747
SWISS:	Q05397
Target:	PTK2
Immunogen:	A synthesized peptide derived from human Focal adhesion kinase 1 around the phosphorylation site of Y397
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	119 kDa
Background:	Non-receptor protein-tyrosine kinase that plays an essential role in regulating cell migration, adhesion, spreading, reorganization of the actin cytoskeleton, formation and disassembly of focal adhesions and cell protrusions, cell cycle progression, cell proliferation and apoptosis. Required for early embryonic development and placenta development. Required for embryonic angiogenesis, normal cardiomyocyte migration and proliferation, and normal heart development.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.