SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PLK2/FITC Conjugated antibody

Catalog Number: SL12730R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PLK2/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human PLK2
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Dog,Pig,Cow,Horse,Zebrafish,Sheep)
Background:	background: The protein encoded by this gene is a member of the polo family of serine/threonine protein kinases that have a role in normal cell division. This gene is most abundantly expressed in testis, spleen and fetal tissues, and its expression is inducible by serum, suggesting that it may also play an important role in cells undergoing rapid cell division. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011] **Function:** May play a role in the division of at least some cell types, such as fibroblasts, and could function in embryogenesis, wound healing or neoplasia. **Post-translational modifications:** Catalytic activity is enhanced by phosphorylation of Thr-239. **Similarity:** Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CDC5/Polo subfamily. Contains 2 POLO box domains.

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

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	Contains 1 protein kinase domain. **Database links:** **Entrez Gene:** 10769 Human **Entrez Gene:** 20620 Mouse **Entrez Gene:** 83722 Rat Omim: 607023 Human **SwissProt:** Q9NYY3 Human **SwissProt:** P53351 Mouse **SwissProt:** Q9R012 Rat **Unigene:** 398157 Human **Unigene:** 658132 Human **Unigene:** 380 Mouse **Unigene:** 12100 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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