

PLK4 Polyclonal ANTIBODY

Catalog # IC912952

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[Basic Information]

Catalog Number: IC912952

Size: 210 µg/ml

Source: Rabbit

Isotype: IgG

Purification Method: Antigen affinity purification

Immunogen Catalog Number: AG3605

GenBank Accession Number: BC036023

GeneID (NCBI): 10733

Full Name: polo-like kinase 4 (Drosophila) Calculated

MW: 970aa, 109 kDa

Observed MW: 105-112 kDa

Recommended Dilutions: WB 1:500-1:2000 IHC 1:100-1:400 IF 1:25-1:100

[Applications]

Tested Applications: IF, IHC, WB, ELISA

Cited Applications: IHC, WB

Species Specificity: human, mouse, rat

Cited Species: human, mouse

note: suggested antigen retrieval with Tris-EDTA buffer (pH 9.0) or Tris-EDTA buffer (pH 9.0) with 0.5% Triton X-100, antigen retrieval may be performed with citrate buffer (pH 6.0)



Positive Controls:

WB : mouse lung tissue; A549 cells, MCF-7 cells

IHC : human testis tissue; human cervical cancer tissue, human lung cancer tissue

IF : HeLa cells;

[Background Information]

PLK4(Pololike kinase 4) is also named as SAK, STK18and belongs to the Ser/Thr protein kinase family.It plays a central role in centriole duplication and a kinase implicated in tumor development, which is an upstream regulator of canonical bio genesis necessary for centriole formation.It has 3 isoforms produced by alternative splicing

[Storage]

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20° C storage

