

For Research Use Only

STK10 Polyclonal antibody

Catalog Number: 25471-1-AP **1 Publications**



Basic Information

Catalog Number: 25471-1-AP	GenBank Accession Number: BC070077	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6793	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: serine/threonine kinase 10	
Isotype: IgG	Calculated MW: 968 aa, 112 kDa	
Immunogen Catalog Number: AG22169	Observed MW: 130 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : SKOV-3 cells, A549 cells, COLO 320 cells IHC : human lymphoma tissue,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Lymphocyte-oriented kinase deficiency encoded by the serine/threonine kinase 10 (STK10) gene correlates with the intracellular adhesion molecule 1 (ICAM-1)/Lymphocyte function associated antigen 1 (LFA-1) complex in aspirin hypersensitivity (PMID:21905501). STK 10 is also named as LOK and expressed as a 130-kDa protein, which was detected predominantly in lymphoid organs such as spleen, thymus, and bone marrow, in contrast to other mammalian members of the STE20 family (PMID:9278426).

Notable Publications

Author	Pubmed ID	Journal	Application
Alyssa C Flint	37406085	Clin Cancer Res	

Storage

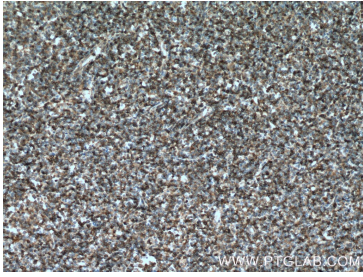
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

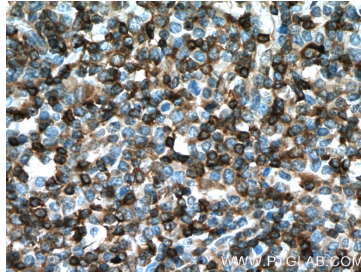
For technical support and original validation data for this product please contact:
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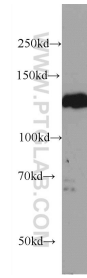
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25471-1-AP (STK10 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25471-1-AP (STK10 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 25471-1-AP (STK10 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.