

For Research Use Only

# BSAP,PAX5 Monoclonal antibody, PBS Only (Capture)

Catalog Number:60349-1-PBS

Featured Product



## Basic Information

Catalog Number:

60349-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16023

GenBank Accession Number:

BC156927

GeneID (NCBI):

5079

UNIPROT ID:

Q02548

Full Name:

paired box 5

Calculated MW:

391 aa, 42 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

2H2D6

## Applications

Tested Applications:

WB, IHC, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human

## Background Information

PAX5, also named B-cell specific activator protein (BSAP), is a member of the highly conserved paired box (PAX)-domain family of transcription factors. PAX5 is essential in normal B-cell lymphopoiesis. It is expressed in pro-B, pre-B and mature B lymphocytes but not in plasma cells. PAX5 is a common target in leukemogenesis of B-ALL (B-lineage acute lymphoblastic leukemia) along with CDKN2A. Owing to its frequent deletion in B-ALL, PAX5 could be used as one of the molecular markers in diagnosis and monitoring of the disease. This antibody is specific to PAX5. It will not cross react with other PAX members.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

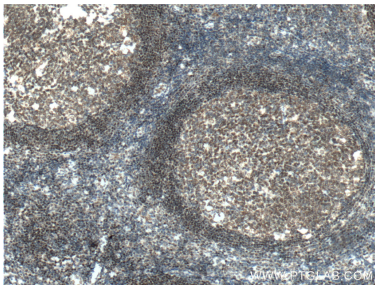
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

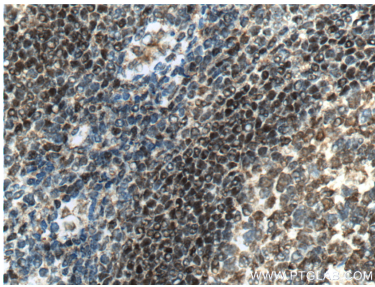
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

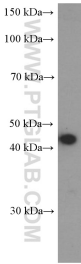
Selected Validation Data



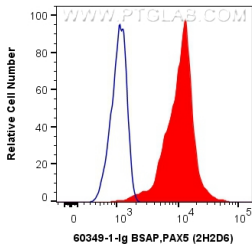
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60349-1-Ig (BSAP,PAX5 Antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60349-1-PBS in a different storage buffer formulation.



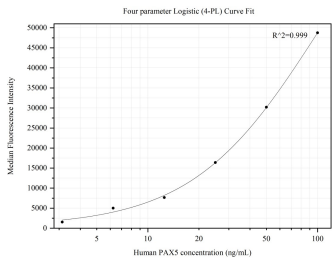
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60349-1-Ig (BSAP,PAX5 Antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60349-1-PBS in a different storage buffer formulation.



Ramos cells were subjected to SDS PAGE followed by western blot with 60349-1-Ig (BSAP,PAX5 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60349-1-PBS in a different storage buffer formulation.



1X10<sup>6</sup> Ramos cells were intracellularly stained with 0.4 ug Anti-Human BSAP,PAX5 (60349-1-Ig, Clone:2H2D6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 60349-1-PBS in a



Cytometric bead array standard curve of MP50228-2, BSAP,PAX5 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60349-1-PBS. Detection antibody: 60349-3-PBS. Standard:Ag16023. Range: 3.125-100 ng/mL.