

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	GenBank Accession Number: BC156927	Purification Method: Protein A purification
Size: 100ug , Concentration: 1000 µg/ml by 5079 Nanodrop;	GeneID (NCBI): UNIPROT ID: Q02548	CloneNo.: 2H2D6
Source: Mouse	Full Name: paired box 5	
Isotype: IgG1	Calculated MW: 391 aa, 42 kDa	
Immunogen Catalog Number: AG16023	Observed MW: 42 kDa	

Applications

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

Species Specificity:
human

Product Information

60349-1-PBS targets BSAP,PAX5 as part of a matched antibody pair.

MP50228-2: 60349-1-PBS capture and 60349-3-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

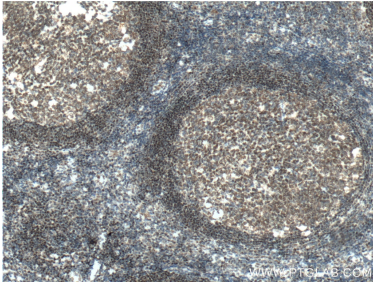
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

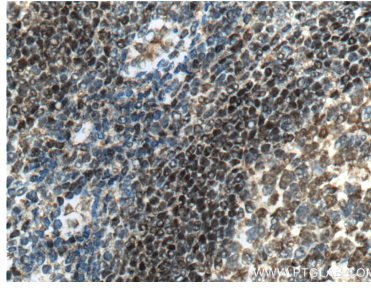
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

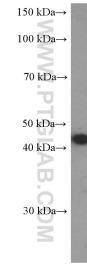
Selected Validation Data



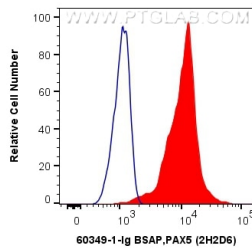
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60349-1-Ig (BSAP,PAX5 Antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60349-1-PBS in a different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



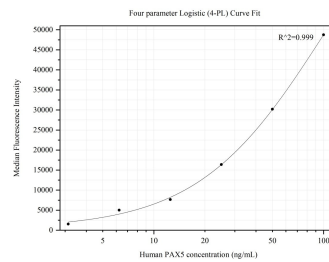
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60349-1-Ig (BSAP,PAX5 Antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60349-1-PBS in a different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



1X10⁶ 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



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