

For Research Use Only

STAT6 Monoclonal antibody, PBS Only

Catalog Number: 66717-1-PBS



Basic Information

Catalog Number: 66717-1-PBS	GenBank Accession Number: BC005823	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 6778	CloneNo.: 2E5B8
Source: Mouse	UNIPROT ID: P42226	
Isotype: IgG2a	Full Name: signal transducer and activator of transcription 6, interleukin-4 induced	
Immunogen Catalog Number: AG0410	Calculated MW: 100 kDa	
	Observed MW: 95 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

Background Information

STAT6, also named as Signal transducer and activator of transcription 6, is a 847 amino acid protein, which belongs to the transcription factor STAT family. STAT6 forms a homodimer or a heterodimer with a related family member. STAT6 translocates into the nucleus in response to phosphorylation. STAT6 is Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

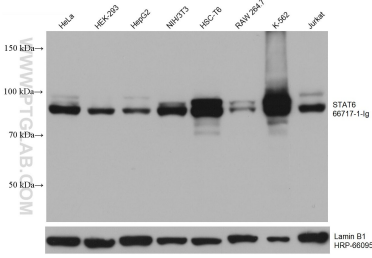
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

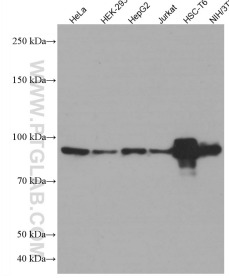
E: proteintech@ptglab.com
W: ptglab.com

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

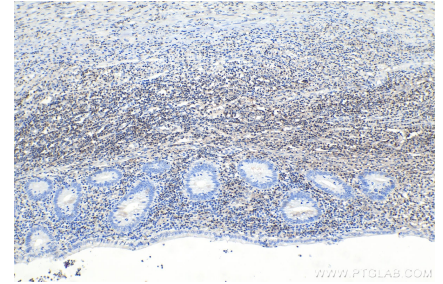
Selected Validation Data



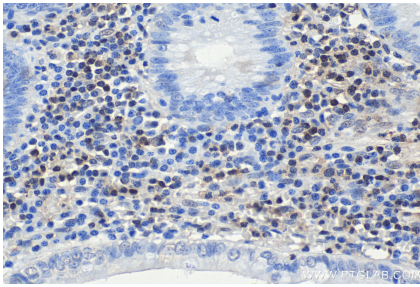
Various lysates were subjected to SDS PAGE followed by western blot with 66717-1-Ig (STAT6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



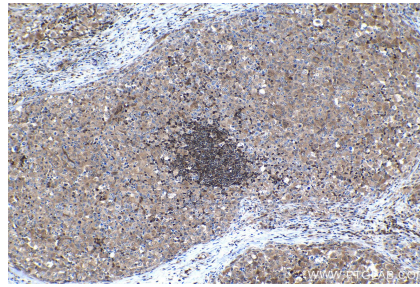
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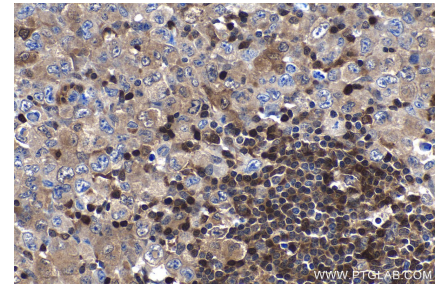
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.