

For Research Use Only

BAG6 Monoclonal antibody, PBS Only



Catalog Number: 66661-1-PBS

Featured Product

Basic Information

Catalog Number: 66661-1-PBS	GenBank Accession Number: BC003133	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7917	CloneNo.: 1B8D3
Source: Mouse	UNIPROT ID: P46379	
Isotype: IgG1	Full Name: HLA-B associated transcript 3	
Immunogen Catalog Number: AG24525	Calculated MW: 119 kDa	
	Observed MW: 150-160 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat

Background Information

BAT3 also known as Scythe or BAG6, is a nuclear protein implicated in the control of apoptosis and natural killer (NK) cell-dendritic cell (DC) interaction. BAT3 was first discovered as a member of a group of genes located within the class III region of the human major histocompatibility complex on chromosome 6, and has been extensively studied for its role in regulating apoptosis under various stress conditions such as DNA damage and endoplasmic reticulum-related stress. BAT3 has been shown to be required for p53 acetylation, which is critical for the enhancement of p53 transcriptional activity in response to DNA damage. In addition, BAT3 is involved in the regulation of development and reproduction of mammals by acting as a co-chaperone of the heat shock protein HSP70.

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:

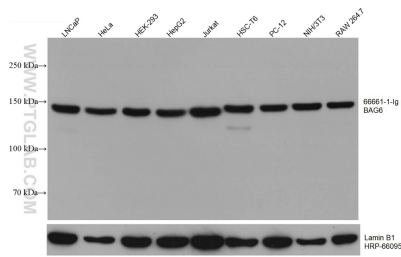
T: 4006900926

E: Proteintech-CN@ptglab.com

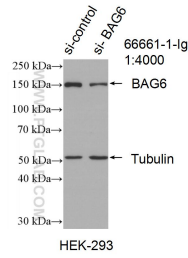
W: ptgcn.com

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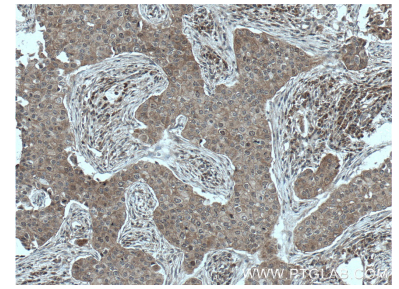
Selected Validation Data



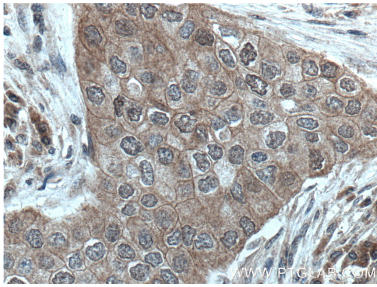
Various lysates were subjected to SDS PAGE followed by western blot with 66661-1-Ig (BAG6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66661-1-PBS in a different storage buffer formulation.



WB result of BAG6 antibody (66661-1-Ig: 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BAG6 transfected HEK-293 cells. This data was developed using the same antibody clone with 66661-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66661-1-Ig (BAG6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66661-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66661-1-Ig (BAG6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66661-1-PBS in a different storage buffer formulation.