

For Research Use Only

# BAT1 Monoclonal antibody, PBS Only



Catalog Number: 67641-1-PBS

## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>67641-1-PBS      | <b>GenBank Accession Number:</b><br>BC000361       | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>1 mg/ml                    | <b>GeneID (NCBI):</b><br>7919                      | <b>CloneNo.:</b><br>2G9H8                             |
| <b>Source:</b><br>Mouse                    | <b>UNIPROT ID:</b><br>Q13838                       |   |
| <b>Isotype:</b><br>IgG1                    | <b>Full Name:</b><br>HLA-B associated transcript 1 |   |
| <b>Immunogen Catalog Number:</b><br>AG6612 | <b>Calculated MW:</b><br>53 kDa                    |   |
|  | <b>Observed MW:</b><br>50 kDa                      |   |

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IHC

**Species Specificity:**  
Human, mouse, rat

## Background Information

DDX39B, is a 428 amino acid protein, which contains one helicase C-terminal domain, one helicase ATP-binding domain and belongs to the DEAD box helicase family. DECD subfamily. DDX39B localizes in the nucleus and cytoplasm. BAT1 is involved in nuclear export of spliced and unspliced mRNA. BAT1 as ATP dependent RNA helicase, may be a translation initiation factor and acts as a negative regulator of inflammatory cytokines. This antibody may cross-react with DDX39A.

## 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:

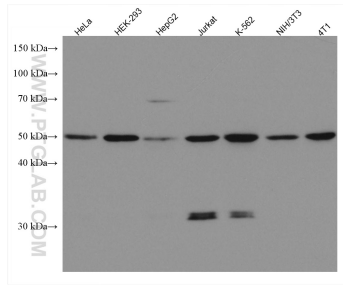
T: 4006900926

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

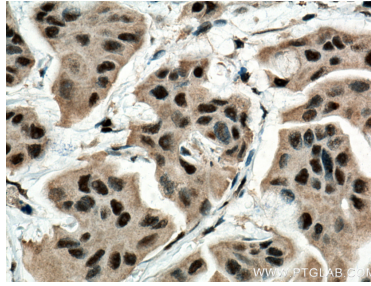
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67641-1-Ig (BAT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67641-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67641-1-Ig (BAT1 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 67641-1-PBS in a different storage buffer formulation.