

For Research Use Only

# human IgM Polyclonal antibody

Catalog Number: 11016-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 11016-1-AP	<b>GenBank Accession Number:</b> BC009851	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 3507	<b>Recommended Dilutions:</b> WB 1:500-1:5000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> immunoglobulin heavy constant mu	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 69 kDa	
<b>Immunogen Catalog Number:</b> AG1459	<b>Observed MW:</b> 75 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> human plasma tissue,
<b>Species Specificity:</b> human	<b>IHC :</b> human tonsillitis tissue,
<b>Cited Species:</b> human	
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

This antibody detects the heavy chain of human IgM (~75 kDa).

## Notable Publications

Author	Pubmed ID	Journal	Application
Rong-Rong Zong	34411762	J Proteomics	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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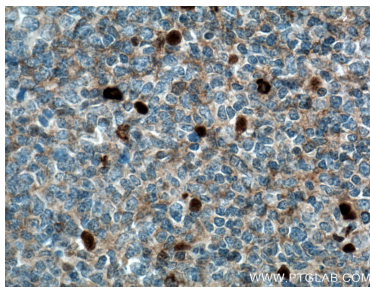
W: [ptgcn.com](http://ptgcn.com)

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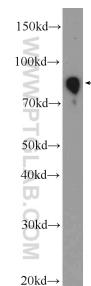
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11016-1-AP (IGHM antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11016-1-AP (IGHM antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human plasma were subjected to SDS PAGE followed by western blot with 11016-1-AP (IGHM Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.