

## Anti-CD32 Antibody (4Z96)

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 31 kDa.
Clone:	4Z96
Purification:	Protein A purified

### Applications

1. Blocking buffer: 5% NFDM/TBST  
 Primary Ab dilution: 1:1000  
 Primary Ab incubation condition: 2 hours at room temperature  
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)  
 Lysate: 1: Human placenta, 2: Human liver  
 Protein loading quantity: 20 µg  
 Exposure time: 60 s  
 Predicted MW: 34 kDa  
 Observed MW: 34 kDa

2. Tissue: Human placenta  
 Section type: Formalin-fixed & Paraffin-embedded section  
 Retrieval method: High temperature and high pressure  
 Retrieval buffer: Tris/EDTA buffer, pH 9.0

Verified Activity: Primary Ab dilution: 1:1000  
 Primary Ab incubation condition: 1 hour at room temperature  
 Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)  
 Counter stain: Hematoxylin (Blue)  
 Comment: Color brown is the positive signal for

3. Tissue: Human liver  
 Section type: Formalin-fixed & Paraffin-embedded section  
 Retrieval method: High temperature and high pressure  
 Retrieval buffer: Tris/EDTA buffer, pH 9.0  
 Primary Ab dilution: 1:1000  
 Primary Ab incubation condition: 1 hour at room temperature  
 Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)  
 Counter stain: Hematoxylin (Blue)  
 Comment: Color brown is the positive signal for TMAB-03949

Application: WB,IHC-P,IHC-Fr,IF

## A DRUG SCREENING EXPERT

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Recommended WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:200-400; IF: 1:100-500

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CD32

Antigen Species: Human

Gene ID: 2213

Uniprot ID: P31994

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### Research Background

The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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