

## Anti-CD32 Antibody (3Z336)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 34-36 kDa. Actual: 40 kDa.
Clone:	3Z336
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. 25 µg total protein per lane of various lysates (see on figure) probed with CD32 monoclonal antibody, unconjugated (TMAB-03950) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. 4% Paraformaldehyde-fixed THP-1 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (CD32) monoclonal Antibody, unconjugated (TMAB-03950) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>3. The THP-1 (H) cells were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CD32 antibody (TMAB-03950, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	WB,FCM,ICC/IF
Recommended	WB: 1:500-2000; FCM: 1:50-100; ICC/IF: 1:100-500

## 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.

## Antigen Details

Immunogen:	A synthesized peptide: human CD32
Antigen Species:	Human
Gene ID:	2212
Uniprot ID:	P12318

## Research Background

Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

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

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481