

Catalog	Unit
TBS10317-0.5MG	0.5 mg
TBS10317-1MG	1 mg
TBS10317-5MG	5 mg

**Description**

The InVivoMAb Anti-Mouse Cluster of Differentiation 16 (CD16) antibody is a monoclonal antibody that specifically targets mouse FcγR. It recognizes FcγR molecules on the surface of T cells and macrophages, binding to FcγR-positive T cells (e.g., T2D4) and macrophage-like cells (e.g., J774), while showing no binding to FcγR-negative T cells or FcR-negative thymoma cells. This antibody can attach to FcγR on the cell membrane and is also detectable in soluble form in culture supernatants. Additionally, it can modulate antibody responses in vitro, making it a valuable tool for studying FcγR-mediated immune regulatory functions.

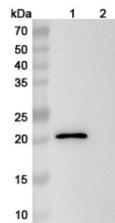
**Synonyms**

Anti-Mouse FcγRIII Monoclonal Antibody, Mouse CD16 Monoclonal Antibody, Anti-Mouse CD32 antibody.

**Product Details**

<b>Applications:</b>	Neutralization
<b>Species reactivity:</b>	Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1, kappa
<b>Target:</b>	CD16, CD32, Low affinity immunoglobulin gamma Fc region receptor III, IgG Fc receptor III, Fc-gamma RIII, FcRIII, CD16, Fcgr3, Low affinity immunoglobulin gamma Fc region receptor II, Fc gamma receptor IIB, Fc-gamma RII, Fc-gamma-RIIB, FcRII, IgG Fc receptor II beta, Lymphocyte antigen 17, Ly-17, CD32, Fcgr2b, Ly-17.
<b>Uniprot:</b>	P08508
<b>Concentration:</b>	3 mg/ml
<b>Purity:</b>	>95% as determined by SDS-PAGE.
<b>Formulation:</b>	Liquid
<b>Storage buffer:</b>	0.01M PBS, pH 7.4.
<b>Purification:</b>	Protein A/G purified from cell culture supernatant.
<b>Clonality:</b>	Monoclonal
<b>Storage:</b>	Avoid repeated freeze-thaw cycles. Store at -20°C up to 12 months, and -80°C for long term.

**Data Image**



**Fig. 1. Westen blot analysis of Anti-Mouse CD16 antibody at 1ug/mL on various samples.**

Lane 1: Mouse CD16.

Lane 2: Negative control.

**For research use only.**