

**DATA SHEET****Brilliant Violet 605 anti-mouse CD64 (FcγRI) Antibody****Code Number#21-139323****Pack Size: 50 µg**

<b>Clone:</b>	X54-5/7.1
<b>Isotype:</b>	Mouse IgG1, κ
<b>Description:</b>	CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes / macrophages, dendritic cells, and mast cells. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody- dependent cellular cytotoxicity (ADCC).
<b>Reactivity:</b>	Mouse CD64 a and b alloantigens.
<b>Antibody Type:</b>	Monoclonal
<b>Host Species:</b>	Mouse
<b>Immunogen:</b>	BALB/c mouse FcγRI-human IgG Fc fusion protein.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).
<b>Preparation:</b>	The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 605 under optimal conditions.
<b>Concentration:</b>	0.2 mg/ml
<b>Storage &amp; Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
<b>Application:</b>	FC - Quality tested

**For in-vitro diagnostic use. Not for human or animal consumption.**