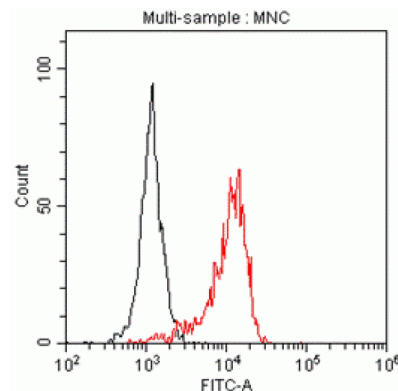


## FCGR1A

### Mouse Anti-Human CD64 (Clone B-T44) mAb, Azide Free

<b>Catalog No.</b>	CDM526A CDM526B	<b>Quantity:</b>	200 µg 500 µg
<b>Alternate Names:</b>	High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA, FcgammaRIa, CD64		
<b>Description:</b>	High affinity immunoglobulin gamma Fc receptor I (CD64) is an integral membrane glycoprotein and a member of the immunoglobulin superfamily. CD64 is a high affinity receptor for the Fc region of IgG gamma and functions in both innate and adaptive immune responses. Receptors that recognize the Fc portion of IgG function in the regulation of immune response and are divided into three classes designated CD64, CD32, and CD16. CD64 is structurally composed of a signal peptide that allows its transport to the surface of a cell, three extracellular immunoglobulin domains of the C2-type that it uses to bind antibody, a hydrophobic transmembrane domain, and a short cytoplasmic tail. CD64 is constitutively found on only macrophages and monocytes, but treatment of polymorphonuclear leukocytes with cytokines such as IFN $\gamma$ and G-CSF can induce CD64 expression on these cells.		
<b>UniProt ID:</b>	P12314		
<b>Gene ID:</b>	2209		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c lymph node cells		
<b>Specificity:</b>	Recognizes native and recombinant human CD64		
<b>Isotype:</b>	Mouse IgG2b kappa		
<b>Immunogen:</b>	Recombinant human CD64		
<b>Clone:</b>	B-T44		
<b>Concentration:</b>	1.0 mg/ml		
<b>Formulation:</b>	Sterile-filtered PBS, carrier and preservative free.		
<b>Applications:</b>	Flow cytometry		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 12 months. <b>DO NOT FREEZE.</b>		



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