

Anti-CD64 Antibody [FCGR1A/4950] - BSA and Azide free (A278190)

Specifications:

Name:	Anti-CD64 Antibody [FCGR1A/4950] - BSA and Azide free
Description:	Mouse monoclonal [FCGR1A/4950] antibody to CD64.
Specificity:	Three different classes of IgG Fc receptors have been described: Fc γ 1 RI (CD64), Fc γ 1 RII (CD32) and Fc γ 1 RIII (CD16). The low affinity receptors, CD64 and CD16, have a putative role in mediating humoral immune responses. CD64 is a surface glycoprotein with high affinity for monomeric IgG, is expressed constitutively on monocytes and macrophages, and can be induced in neutrophils subsequent to IFN- γ stimulation. CD64 plays a putative role in the initiation of cell-mediated cytotoxicity. Thus far, three genes encoding four distinct CD64 transcripts have been described. CD64 has been shown to associate with signal transducing subunit of the high affinity IgE receptor. Src family kinases Hck and Lyn show increased kinase activity and will co-immunoprecipitate with CD64 subsequent to receptor cross linking.
Applications:	WB, IHC
Recommended Dilutions:	WB: 1-2 μ g/ml, IHC-P: 1-2 μ g/ml
Reactivity:	Human
Immunogen:	Rheumatoid synovial fluid cells and fibronectin purified human monocytes.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	FCGR1A/4950
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD64 Antibody [FCGR1A/4950] (A277602).

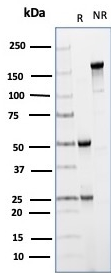
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Specifications continued:

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-CD64 Antibody [FCGR1A/4950] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.