

Datasheet for ABIN7440284
anti-FCGR1A antibody (AA 73-294)



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2 Images

Overview

Quantity:	100 µL
Target:	FCGR1A
Binding Specificity:	AA 73-294
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FCGR1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 64 (CD64)
Immunogen:	Recombinant Cluster Of Differentiation 64 (CD64) corresponding to Val73~Ser294 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD64. It has been selected for its ability to recognize CD64 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

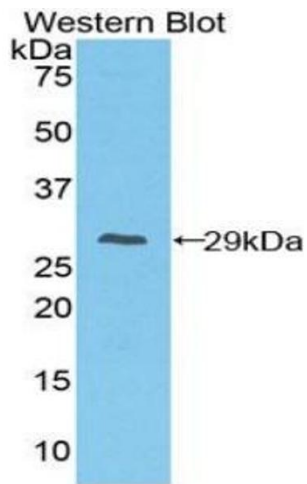
Target:	FCGR1A
Alternative Name:	CD64 (FCGR1A Products)
Background:	FcgRI, FCGR1, FCGR1A, FCGR1B, FCGR1C, FcgRIA, CD64A, FcgRIB, CD64B, FcgRIC, CD64C, Receptor I For The Fc Region Of Immunoglobulin G, High affinity immunoglobulin gamma Fc receptor I
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:280-1100 Immunohistochemistry: 5-20 µg/mL 1:28-110 Immunocytochemistry: 5-20 µg/mL 1:28-110 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

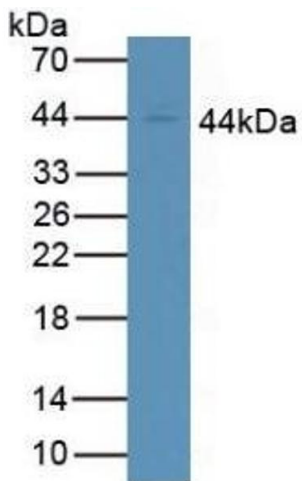
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant Fc γ RI, Mouse using Polyclonal Antibody to Cluster Of Differentiation 64 (CD64)



Western Blotting

Image 2. Detection of CD64 in Human Jurkat Cells using Polyclonal Antibody to Cluster Of Differentiation 64 (CD64)