



CD64 Monoclonal Antibody

Catalog No	YP-mAb-10645
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	FCGR1A FCG1 FCGR1 IGFR1
Protein Name	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma RIA) (FcgammaRIa) (CD antigen CD64)
Immunogen	Synthetic peptide from human protein at AA range: 230-280
Specificity	The antibody detects endogenous CD64
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I;Fc-gamma RI;FcRI;Fc-gamma RIA;FcgammaRIa;CD antigen CD64)
Observed Band	45kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.
Tissue Specificity	Monocyte/macrophage specific.
Function	function:High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.,online information:FCGR1A mutation db,PTM:N-glycosylated.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the immunoglobulin superfamily. FCGR1 family.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Stabilized at the cell membrane through interaction with FCER1G.,subunit:Interacts with FCERG1; forms a functional signaling complex. Interacts with FLNA; prevents FCGR1A degradation. Interacts with EPB41L2, LAT and PPL.,tissue specificity:Monocyte/macrophage specific.,
Background	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008],



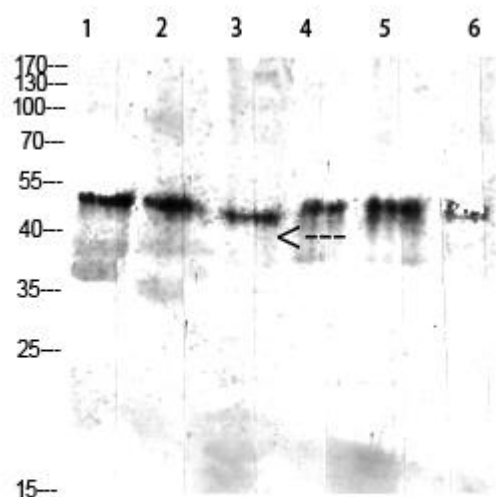
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



1 mouse-kidney 2 mouse-kidney 3 mouse-lung
4 mouse-heart 5 293T 6 293T

Western Blot analysis of various cells using CD64 Monoclonal Antibody