



CD64 Polyclonal Antibody

Catalog No	YP-Ab-10645
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	FCGR1A FCG1 FCGR1 IGFR1
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	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD64A;Fc gamma RI;Fc gamma RIA;FCG1;Fc-gamma RI;CD64;FCGR1A FCG1 FCGR1 IGFR1;High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma RIA) (FcgammaRIa) (CD antigen CD64);High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I; FcRI;Fc-gamma RIA;FcgammaRIa;CD antigen CD64)
Observed Band	45kD
Calculated Molecular Weight	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

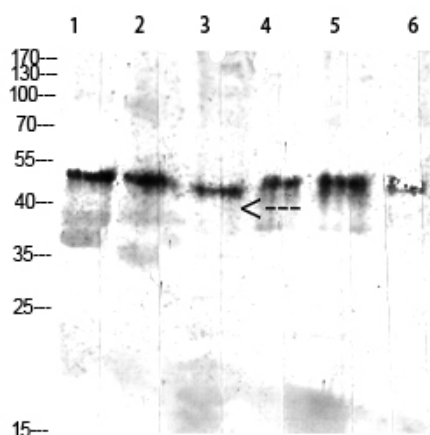
Avoid repeated freezing and thawing!

Usage suggestions

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

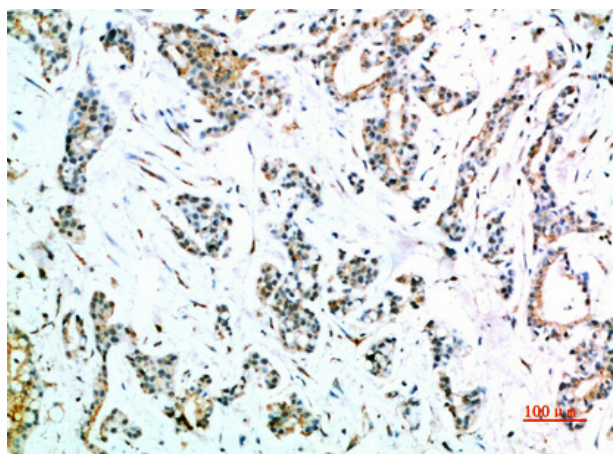


Products Images

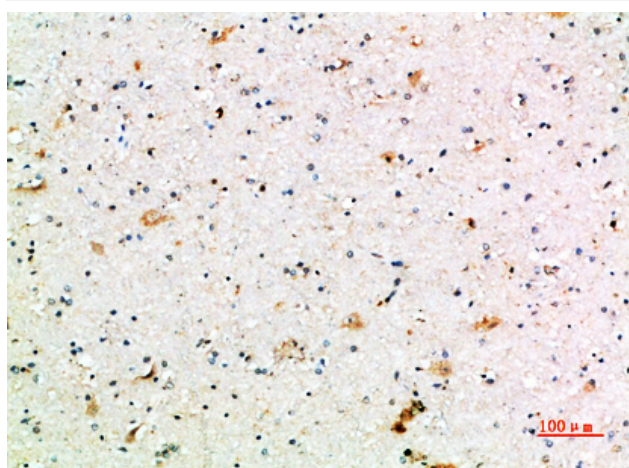


1 mouse-kidney 2 mouse-kidney 3 mouse-lung
4 mouse-heart 5 293T 6 293T

Western blot analysis of mouse-kidney lysate, antibody was diluted at 2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-stomach-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200