

CD64 rabbit pAb**Cat#: orb771551 (Manual)**

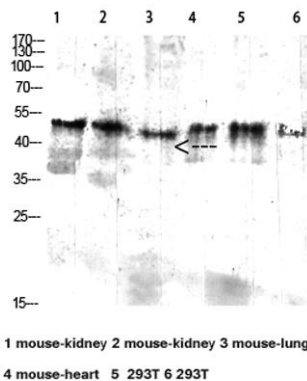
For research use only. Not intended for diagnostic use.

Product Name	CD64 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma R1A) (FcgammaRIa) (CD antigen CD64)
Gene Name	FCGR1A FCG1 FCGR1 IGFR1
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

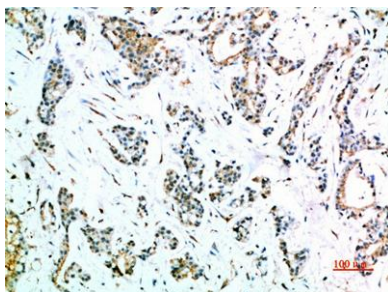
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	2209
Human Swiss-Prot Number	P12314
Alternative Names	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I;Fc-gamma RI;FcRI;Fc-gamma R1A;FcgammaR1a;CD antigen CD64)

Background

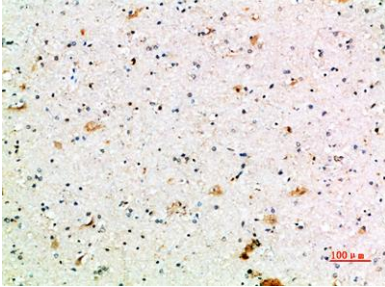
This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008],



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