10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CD64 Polyclonal Antibody
Catalog # AP74072

Specification

CD64 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P12314
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

CD64 Polyclonal Antibody - Additional Information

Gene ID 2209

Other Names
High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma RIA) (FcgammaRIa) (CD antigen CD64)

Dilution
WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

CD64 Polyclonal Antibody - Protein Information

Name FCGR1A

Synonyms FCG1, FCGR1, IGFR1

Function
High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses. Mediates IgG effector functions on monocytes triggering antibody-dependent cellular cytotoxicity (ADCC) of virus-infected cells.

Cellular Location
Cell membrane; Single-pass type I membrane protein Note=Stabilized at the cell membrane through interaction with FCER1G

Tissue Location
Monocyte/macrophage specific.

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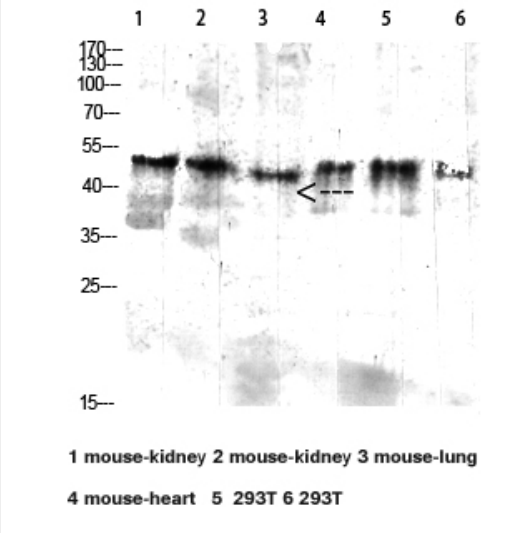
CD64 Polyclonal Antibody - Protocols

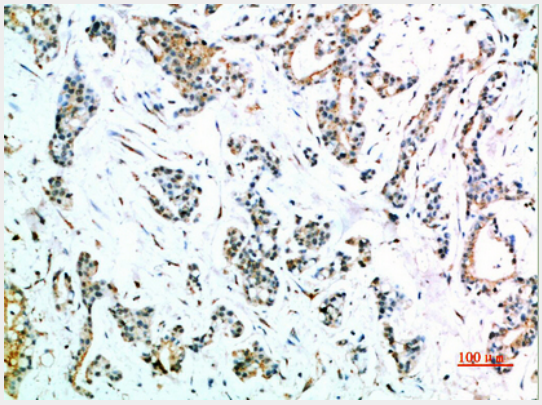
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD64 Polyclonal Antibody - Images



Western blot analysis of mouse-kidney lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000



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

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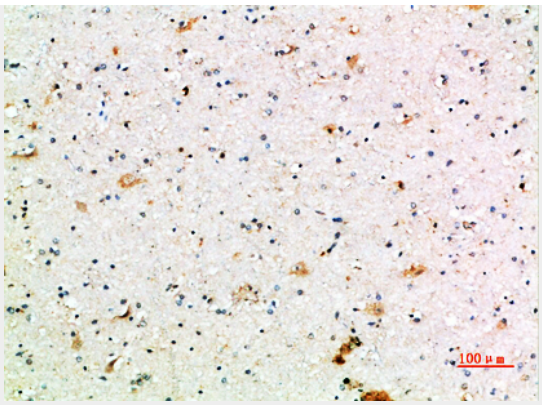

Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

CD64 Polyclonal Antibody - Background

High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.