Recombinant CD64/FCGR1 Monoclonal Antibody

catalog number: AN300471P

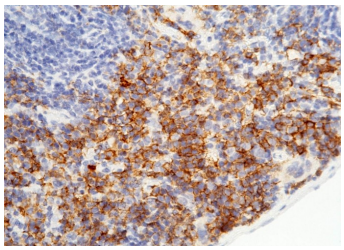
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

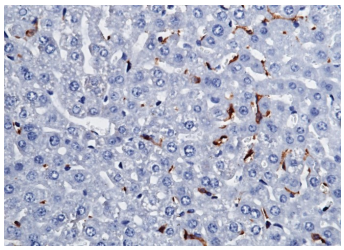
Reactivity	Mouse
Immunogen	Recombinant Mouse CD64/FCGR1 protein
Host	Rabbit
Isotype	IgG
Clone	B401
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:100-1:500

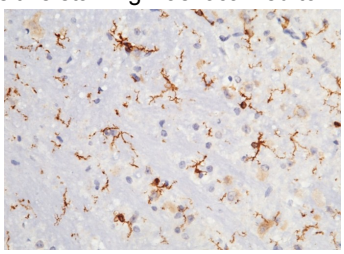
Data



Immunohistochemistry of paraffin-embedded mouse spleen using CD64/FCGR1 Monoclonal Antibody at dilution of 1:200. Positive staining was localized to Kupffer cell.



Immunohistochemistry of paraffin-embedded mouse liver using CD64/FCGR1 Monoclonal Antibody at dilution of 1:100. Positive staining was localized to Kupffer cell.



Immunohistochemistry of paraffin-embedded mouse brain using CD64/FCGR1 Monoclonal Antibody at dilution of 1:200. Positive staining was localized to microglia.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and mast cells. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).

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