Recombinant CD16-2/FCGR4 Monoclonal Antibody

catalog number: AN300461P

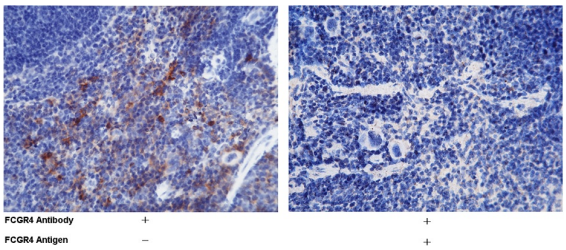
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

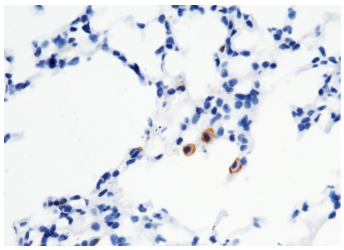
Reactivity	Mouse
Immunogen	Recombinant Mouse CD16-2/FCGR4 protein
Host	Rabbit
Isotype	IgG
Clone	B387
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

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

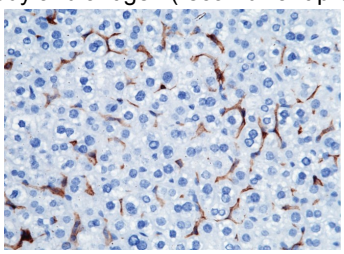
Data



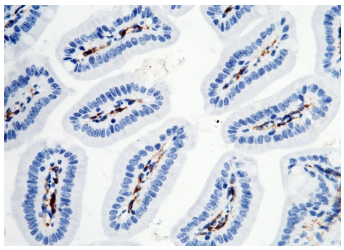
Immunohistochemistry of paraffin-embedded mouse spleen using CD16-2/FCGR4 Monoclonal Antibody at dilution of 1:200. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



Immunohistochemistry of paraffin-embedded mouse lung using CD16-2/FCGR4 Monoclonal Antibody at dilution of 1:200.Positive staining was localized to pulmonary macrophage.



Immunohistochemistry of paraffin-embedded mouse liver using CD16-2/FCGR4 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse intestine using CD16-2/FCGR4 Monoclonal Antibody at dilution of 1:200.

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

FcgRIV, also known as CD16-2, is an intermediate-affinity activating receptor for IgG2a and IgG2b. CD16-2 is the mouse homolog of human FcgRIIIA. CD16-2 is a low-affinity IgE receptor for all allotypes and the ligation of FcgRIV by antigen-IgE immune complexes promotes macrophage-mediated phagocytosis and is involved in lung inflammation.

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