

## Basic Information

<b>Product Name</b>	Anti-F4/80/ADGRE1 Antibody	
<b>Gene Name</b>	Adgre1	
<b>Source</b>	Rabbit	
<b>Clonality</b>	Polyclonal	
<b>Isotype</b>	IgG	
<b>Species Reactivity</b>	mouse, rat	
<b>Tested Application</b>	IHC, IF	
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg/ml BSA and 50% glycerol.	
<b>Immunogen</b>	E. coli-derived mouse F4/80/Adgre1 recombinant protein (Position: G27-S230). Mouse Adgre1 shares 62.9% and 87.3% amino acid (aa) sequence identity with human and rat Adgre1, respectively.	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Immunogen affinity purified.	
<b>Dilution Ratios</b>	Immunohistochemistry (IHC): Immunofluorescence (IF): (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	1:50-400 1:50-400

## Storage

12 months from date of receipt, -20°C as supplied.

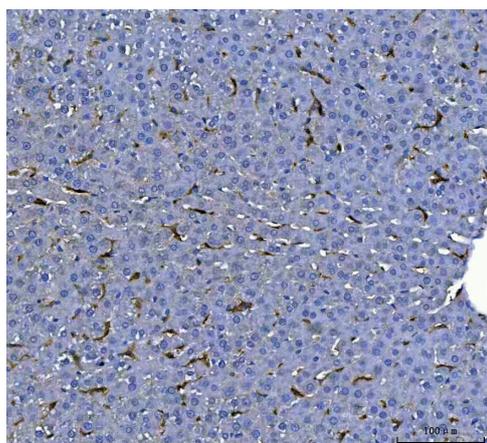
## Background Information

Predicted to enable G protein-coupled receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway. Predicted to act upstream of or within G protein-coupled receptor signaling pathway and adaptive immune response. Located in external side of plasma membrane. Is expressed in several structures, including cardiovascular system; central nervous system; genitourinary system; hemolymphoid system; and intestine. Orthologous to human ADGRE1 (adhesion G protein-coupled receptor E1).

## Reference

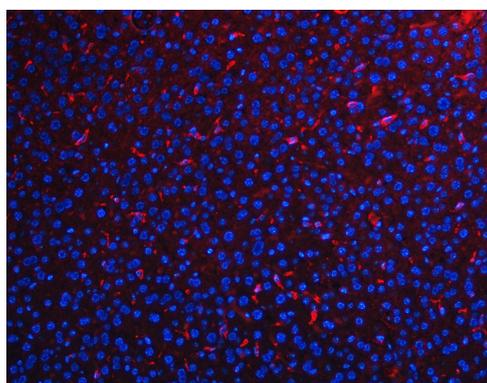
Anti-F4/80/ADGRE1 Antibody被引用在9文献中。

## Selected Validation Data



IHC analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (A08751).

F4/80/Adgre1 was detected in a paraffin-embedded section of rat liver tissue. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.



IF analysis of F4/80/Adgre1 using anti-F4/80/Adgre1 antibody (A08751).

F4/80/Adgre1 was detected in a paraffin-embedded section of mouse liver tissue. Cy3-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog#BA1032) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).