

## CD68 (ANT0098R) Rabbit mAb

CatalogNo: ANT8057 **Recombinant R**

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,
- WB,IHC,IF,IP,ELISA

### Reactivity

### Applications

### MW

- 35kD (Calculated)
  - IgG,Kappa
- 120kD (Observed)

### Isotype

## Recommended Dilution Ratios

IHC 1:1000-5000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

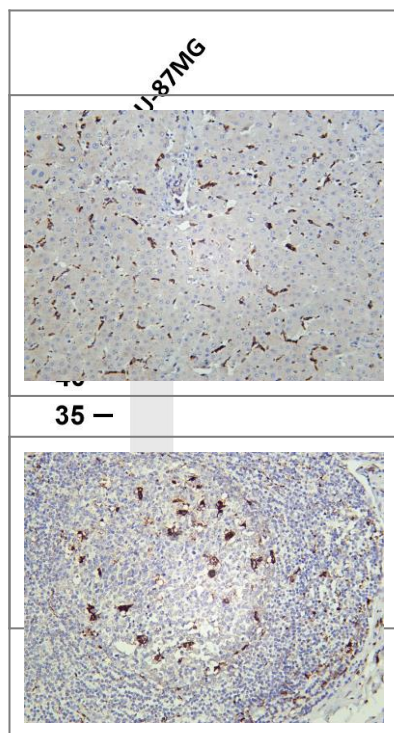
**Clone Number** ANT0098R

## Target Information

Endogenous

Gene name	CD68		
Protein Name	Macrosialin (Gp110) (CD antigen CD68)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">968</a> ;	<a href="#">P34810</a> ;
Cellular Localization	Membranous		
Tissue specificity	Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.		
Function	Function:Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Bind to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes, lysosomes to the plasma membrane may allow macrophages to crawl over selectin bearing substrates or other cells.,ANTM:N- and O-glycosylated.,similarity:Belongs to the LAMP family.,tissue specificity:Highly expressed by blood monocytes and tissue macrophages. Also expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.,		

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD68 (ANT0098R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: U-87MG Predicted band size: 35kDa Observed band size: 120kDa

Human liver was stained with Anti-CD68 (ANT0098R) rabbit antibody

Human appendix was stained with Anti-CD68 (ANT0098R) rabbit antibody

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