



Mouse Monoclonal Antibody **CD68** conjugated to Sepharose Beads

CatalogNo: **ANT8367-M**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

CD68 (ANT0047R) Rabbit mAb

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

Host Species

- Rabbit
- Mouse,Rat,
- WB,IHC,IF,IP,ELISA

Reactivity

Applications

MW

- 37kD (Calculated)
 - IgG,Kappa
- 100kD (Observed)

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0047R

Immunogen Information

Specificity Endogenous

Gene name CD68

Protein Name Macrosialin

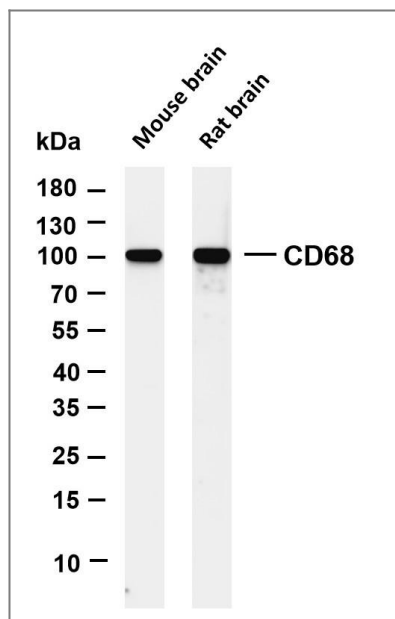
Organism	Gene ID	UniProt ID
Human	968;	P34810;
Mouse	12514;	P31996;

Cellular Localization Membrane

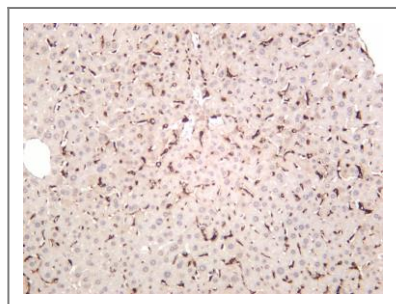
Tissue specificity Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.

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.,

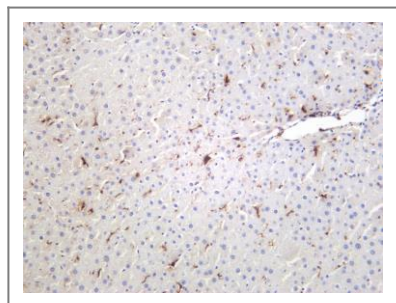
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD68 (ANT0047R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Mouse brain Lane 2: Rat brain
Predicted band size: 37kDa Observed band size: 100kDa



Mouse liver was stained with anti-CD68 (ANT0047R)



rabbit antibodyRat liver was stained with anti-CD68 (ANT0047R) rabbit antibody

For Research use only, not for diagnostics and clinical use

Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com