Anti-CD68 Antibody (C68/684)

CATALOG NO: A1558-100

ALTERNATIVE NAMES: GP110, LAMP4, Microsialin, Macrosialin, SCARD1, Scavenger

Receptor Class D Member-1

AMOUNT: 100 μg

IMMUNOGEN: Recombinant human CD68 protein

HOST/ISOTYPE: Mouse / IgG1, kappa

CLONALITY: Monoclonal

CLONE: C68/684

MOL WEIGHT: 110 kDa

SPECIES REACTIVITY: Human and Monkey

PURIFICATION: Protein A/G purification

FORM: Liquid

FORMULATION: Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide

STORAGE CONDITIONS: Shipped at 4°C. Long term storage at -20°C.

DESCRIPTION: This antibody recognizes a glycoprotein of 110 kDa, which is

identified as CD68. It is important for identifying macrophages in tissue sections. It stains macrophages in a wide variety of human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina propria of the gut, in lung alveoli, and in bone marrow. It reacts with myeloid precursors and peripheral blood granulocytes. It also reacts with plasmacytoid T cells, which are supposed to be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic and acute myeloid leukemia and also reacts with rare cases of true histiocytic

neoplasia. Lymphomas are negative or show few granules.

APPLICATION: FC: $0.5-1 \mu g/1 \times 10^6$ cells in 0.1 ml

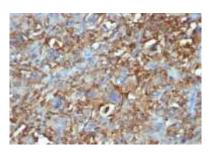
IF: 0.5-1 µg/ml

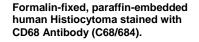
IHC: 0.25-0.5 µg/ml for 30 minutes at RT

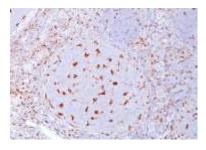
(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by

cooling at RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.







Formalin-fixed, paraffin-embedded human Tonsil stained with CD68 Antibody (C68/684).

RELATED PRODUCTS:

- CD68, human recombinant (Cat. No. 7343)
- Human CellExp™ CD68 / SR-D1 Protein, Fc Tag (Cat. No. 7880)
- Human CellExp™ LAMP1/CD107a, human recombinant (Cat. No. 7381)
- LAMP-1 Antibody (Center) (Cat. No. 5077)
- LAMP2 Antibody (Cat. No. 3900)
- LAMP-2 Antibody (CT) (Cat. No. 5078)

FOR RESEARCH USE ONLY! Not to be used on humans.

