

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CD68 RABBIT PAB**

Cat.#: S220116

**Product Name:** Anti-CD68 Rabbit Polyclonal Antibody

Synonyms: GP110; LAMP4; SCARD1

UNIPROT ID: P34810 (Gene Accession - NP\_001242)

**Background:** This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.

**Immunogen:** Synthetic peptide of human CD68

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

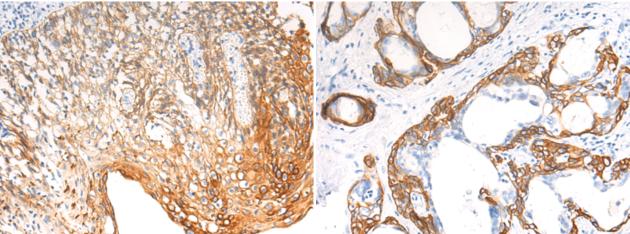
Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

Research Areas: Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffinembedded Human tonsil tissue using 220116(CD68 Antibody) at a dilution of 1/30(Cell membrane).

Immunohistochemistry analysis of paraffinembedded Human cervical cancer tissue using 220116(Anti-CD68 Antibody) at a dilution of 1/30.



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