

Product Datasheet

CD68 (9H5) Mouse mAb

Catalog No: AB3506

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: IHC, ICC/IF



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Information

UniProt ID: P34810

All Names: CD68; Macrosialin; Gp110; CD68

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 37kDa

Application

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P34810. Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.

Immunohistochemistry analysis of paraffinembedded Human Tonsil tissue using CD68 (9H5) antibody. Sodium citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

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