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CD68
Rabbit Monoclonal antibody(Mab)
Catalog # AD80014

Specification

CD68 - Product info

Application	**IHC-P, IHC**
Primary Accession	P34810
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal**
Calculated MW	**37408**

CD68 - Additional info

Gene ID	**968**
Gene Name	**CD68**

Other Names
Macrosialin, Gp110, CD68, CD68

Dilution
IHC-P~~Ready-to-use
IHC~~Ready-to-use

Storage	**This product is stored at 2-8 °C, please use it within the expiration date.**
Precautions	**CD68 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

CD68 - Protein Information

Name CD68

Function	**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.**
Cellular Location	**Isoform Short: Cell membrane; Single-pass type I membrane protein**
Tissue Location	**Highly expressed by blood monocytes and**

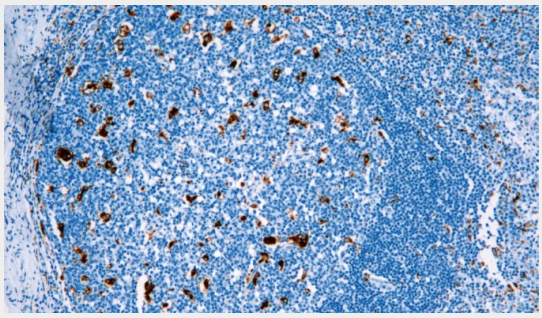
tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites

CD68 - Protocols

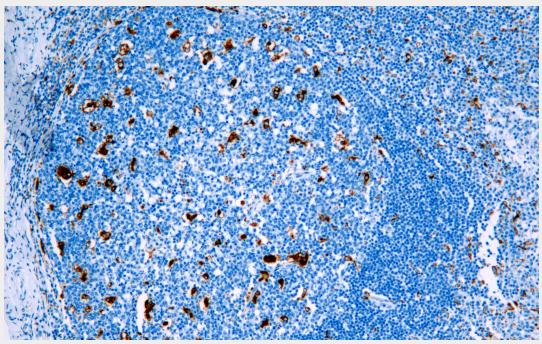
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD68 - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80014 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0).Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems（Abcepta:AR005） was used as the secondary antibody.