

**CD68**  
Rabbit Monoclonal antibody(Mab)  
Catalog # AD80014

## Specification

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### CD68 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P34810</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	37408

### CD68 - Additional info

Gene ID	968
Gene Name	CD68
<b>Other Names</b>	
Macrosialin, Gp110, CD68, CD68	

#### Dilution

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

#### Storage

Maintain refrigerated at 2-8°C

#### 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. Isoform Short: Cell membrane; Single-pass type I membrane protein

#### Cellular Location

Tissue Location

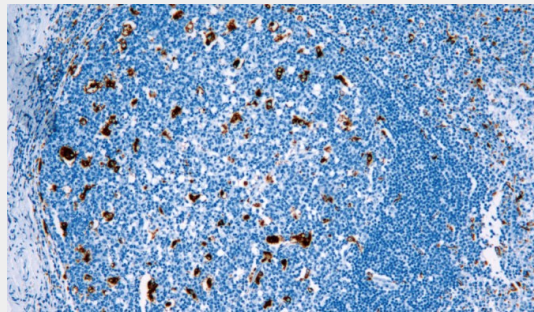
**Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites**

### CD68 - Protocols

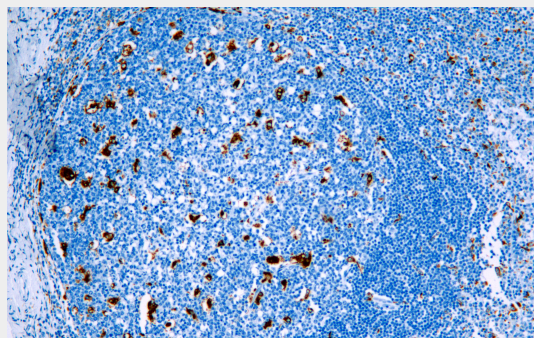
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.