

**Product Name: CD68 (9H5) Mouse Monoclonal Antibody**  
**Catalog #: AMM03338**

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## Summary

<b>Production Name</b>	CD68 (9H5) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC-P, ICC/IF
<b>Reactivity</b>	Human, Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	CD68
<b>Alternative Names</b>	CD68; Macrosialin; Gp110; CD68
<b>Gene ID</b>	968
<b>SwissProt ID</b>	P34810.

## Application

<b>Dilution Ratio</b>	IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	-

## Background

CD68 belongs to a family of acidic, highly glycosylated lysosomal glycoproteins (LGP) that includes lamp-1 and lamp-2.

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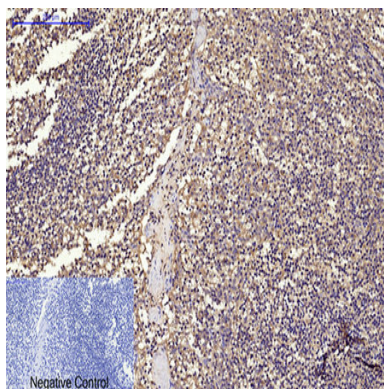


Play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions.

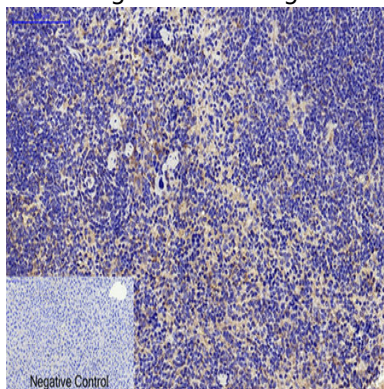
## Research Area

Immunology

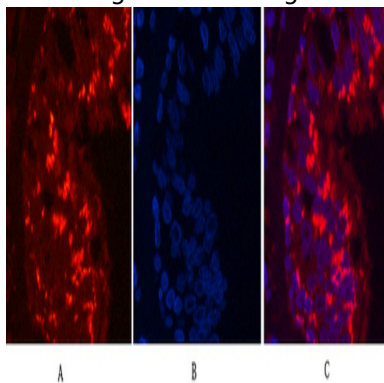
## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Tonsil tissue using CD68 (9H5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



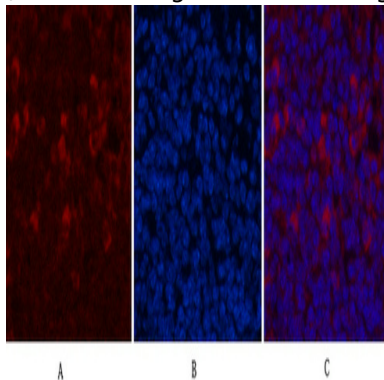
Immunohistochemical analysis of paraffin-embedded Human tonsils using CD68 (9H5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



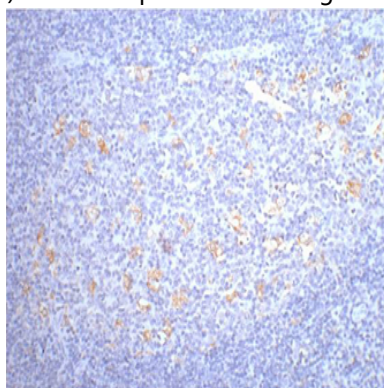
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Immunofluorescence analysis of CD68 (9H5) in Human lungcancer tissue using CD68 (9H5) antibody(red)and DAPI (blue).



Immunofluorescence analysis of CD68 (9H5) in mouse spleen tissue using CD68 (9H5) antibody(6F3)(red),and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD68 (9H5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## **Note**

For research use only.