

## Mouse CD68 Monoclonal Antibody | anti-CD68 antibody

CD68 Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                             |
|-----------|-------|-------------------|------------------------------------------|
| AAA171596 | Mouse | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry |

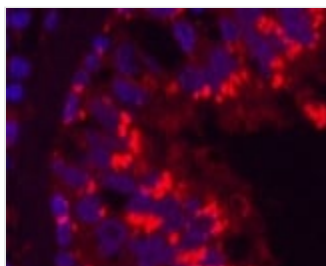
### PRODUCT SYNONYMS

CD68; Monoclonal Antibody; CD68 Monoclonal Antibody; Macrosialin; Gp110; anti-CD68 antibody

### PRODUCT SPECIFICATIONS

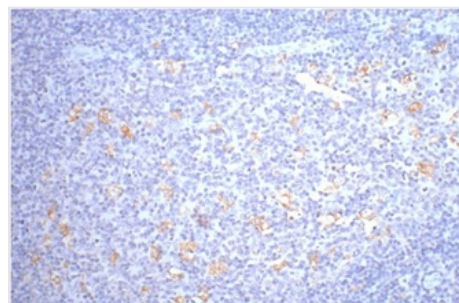
|                                                |                                                     |
|------------------------------------------------|-----------------------------------------------------|
| Host                                           | Mouse                                               |
| Reactivity                                     | Human, Mouse, Rat                                   |
| Clonality                                      | Monoclonal                                          |
| Isotype                                        | IgG                                                 |
| Clone Number                                   | 2K6                                                 |
| Purity/Purification                            | Protein A purification                              |
| Form/Format                                    | PBS with 0.02% sodium azide and 50% glycerol pH7.4. |
| Sequence Length                                | 354                                                 |
| Applicable Applications for anti-CD68 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry) |
| Immunogen                                      | Synthetic Peptide                                   |
| Preparation and Storage                        | Store at -20°C. Avoid freeze / thaw cycles.         |

### IMAGES



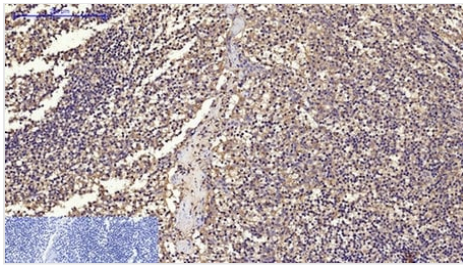
#### IF (Immunofluorescence)

Immunofluorescence analysis of Human lung cancer tissue using CD68 Monoclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD68 Monoclonal Antibody at dilution of 1:200.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD68 Monoclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD68 antibody | Background: CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages. |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                      |
|----------------------------------|----------------------|
| NCBI GI #                        | 298665               |
| NCBI GeneID                      | 968                  |
| NCBI Official Full Name          | CD68                 |
| NCBI Official Synonym Full Names | CD68 molecule        |
| NCBI Official Symbol             | CD68                 |
| NCBI Official Synonym Symbols    | GP110; LAMP4; SCARD1 |
| NCBI Protein Information         | macrosialin          |
| UniProt Protein Name             | Macrosialin          |
| UniProt Gene Name                | CD68                 |
| UniProt Entry Name               | CD68_HUMAN           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd68-antibody-clone-2k6-immunofluorescence-immunohistochemistry-elisa/171596>