

Rabbit anti-CD68 antibody, clone SQab1742 (monoclonal)

Clone no. SQab1742

MONOSAN

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|---------------------------|--|
| Product name | Rabbit anti-CD68 antibody, clone SQab1742 (monoclonal) |
| Host | Rabbit |
| Applications | FC, IHC-fr, IHC-P |
| Species reactivity | Human |
| Conjugate | - |
| Immunogen | Synthetic peptide around aa. 100-200 of Human CD68. |
| Isotype | - |
| Clonality | Monoclonal |
| Clone number | SQab1742 |
| Size | 100 ul |
| Concentration | n/a |
| Format | Purification with Protein A. |
| Storage buffer | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA. |
| Storage until expiry date | -20°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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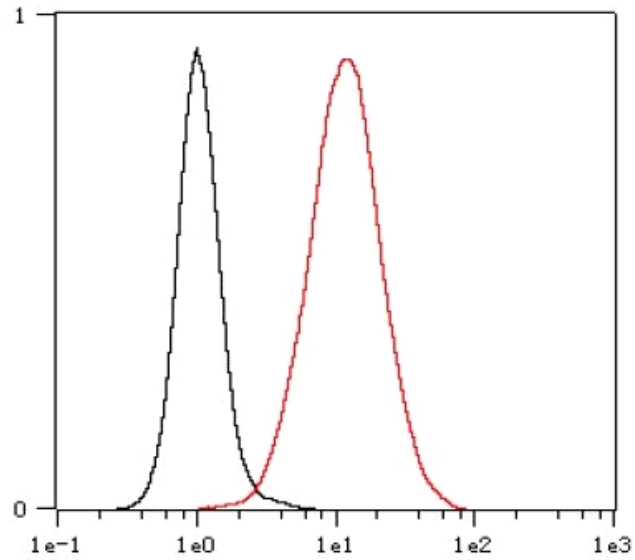
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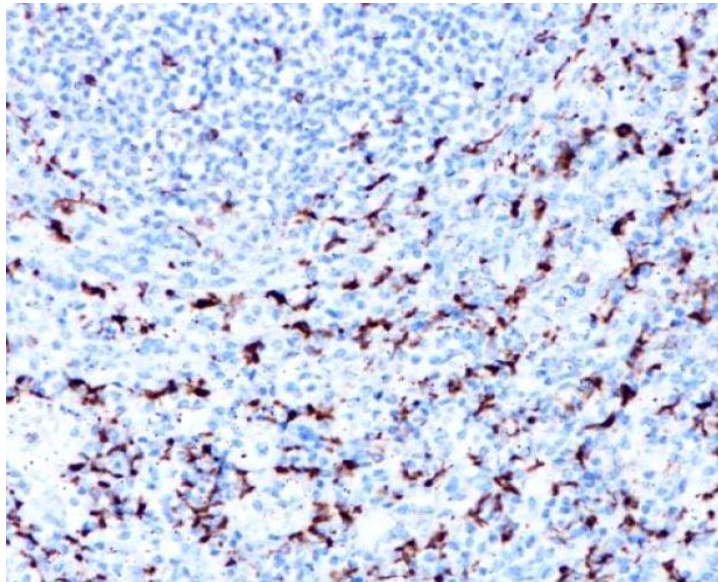
Additional info

Application note: IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: CD68 is a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]

Images



Flow Cytometry: THP-1 cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with anti-CD68 antibody [SQab1742] (red) at 1:100 dilution in 1x PBS/1% BSA for 30 min at room temperature, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human liver tissue stained with anti-CD68 antibody [SQab1742] at 1:200. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).

References

- 1. -
- 2. -
- 3. -
- 4. -
- 5. -

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