

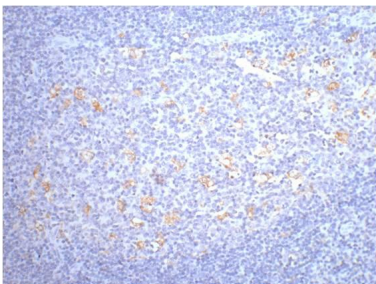
<b>Cat. No:</b>	MAB-94779
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	6F3
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	Synthetic Peptide
<b>Reactivity:</b>	Human Rat Mouse
<b>Applications:</b>	Immunohistochemistry:1/200
<b>Molecular Weight:</b>	37kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	CD68 molecule GP110 Macrosialin SCARD1

**Background:** The CD68 antigen is a 37kD transmembrane protein that is posttranslationally glycosylated to give a protein of 87-115kD. CD68 is specifically expressed by tissue macrophages Langerhans cells and at low levels by dendritic cells. It could play a role in phagocytic activities of tissue macrophages both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. It 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.

**Form:** Liquid

**Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

**Storage:** Store at -20°C. Avoid repeated freeze-thaw cycles.



IHC staining of human tonsil tissue with CD68 mouse mAb diluted at:200.

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