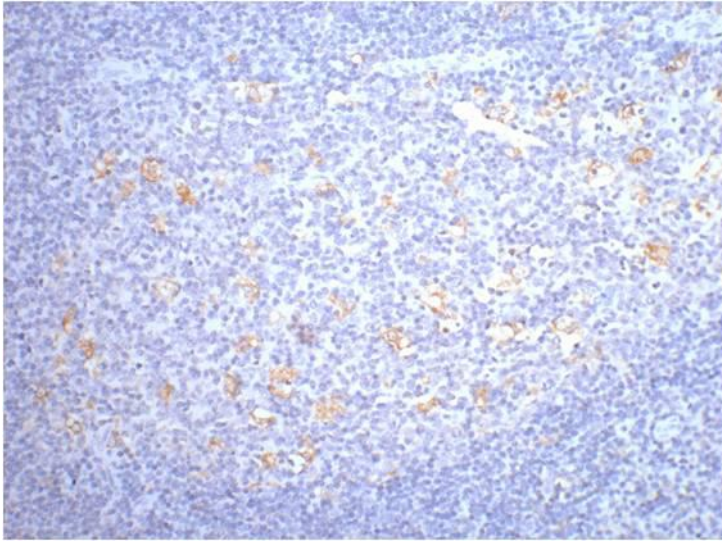


Product name:	CD68 Mouse Monoclonal Antibody
Cat number:	MAB-94779
Conjugate:	Unconjugated
Size:	100 ug
Clone:	6F3
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG1
Immunogen:	Synthetic Peptide
Reactivity:	Human Rat Mouse
Applications:	Immunohistochemistry:1/200
Molecular Weight:	37kDa
Purification:	Affinity purification
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.
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.



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