Recombinant CD68 (Macrophage Marker) Antibody

Mouse Monoclonal Antibody [Clone rCD68/13964]

Catalog No	Format	Size
968-MSM27-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
968-MSM27-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
968-MSM27-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	rCD68/13964
Immunogen	Subcellular fraction of human alveolar macrophages
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	37.41kDa
Cellular Localization	Cell membrane, Endosome membrane, Lysosome membrane
Species Reactivity	Human
Positive Control	Highly expressed by blood monocytes and tissue macrophages

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD68 (Macrophage Marker) Antibody

Specificity & Comments

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

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.