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Recombinant anti-CD68 antibody



Images



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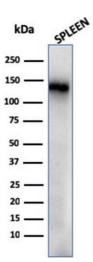
Quantity:	100 μg	
Target:	CD68	
Reactivity:	Human	
Host:	Mouse	
Antibody Type:	Recombinant Antibody	
Clonality:	Monoclonal	
Conjugate:	This CD68 antibody is un-conjugated	
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Western Blotting (WB), Immunohistochemistry (IHC), Immunostaining (ISt), Staining Methods (StM)	

Product Details

Immunogen:	Recombinant full-length human LAMP4 / CD68 protein	
Clone:	RLAMP4-824	
Isotype:	IgG1 kappa	
Specificity:	This antibody recognizes a glycoprotein of 110 kDa, which is identified as CD68. It is important	
	for identifying macrophages in tissue sections. It stains macrophages in a wide variety of	
	human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina	
	propria of the gut, in lung alveoli, and in bone marrow. It reacts with myeloid precursors and	
	peripheral blood granulocytes. It also reacts with plasmacytoid T cells, which are supposed to	
	be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic	
	and acute myeloid leukemia and also reacts with rare cases of true histiocytic neoplasia.	

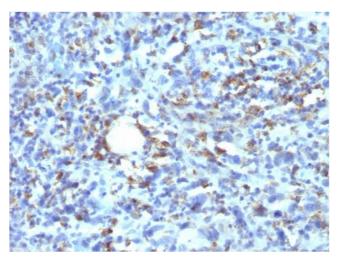
Product Details

Product Details		
	Lymphomas are negative or show few granules.	
Purification:	Purified by Protein A/G	
Target Details		
Target:	CD68	
Alternative Name:	CD68 (CD68 Products)	
Molecular Weight:	110kDa	
Gene ID:	968	
UniProt:	P34810	
Application Details		
Application Notes:	Positive Control: U87MG, Tonsil, Lymph Node or Spleen.	
	Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL),	
	Western Blot (1-2 μ g/mL), ,Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 minutes	
	at RT),(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM	
	Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution	
	for a specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 μg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-80 °C	
Storage Comment:	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.	
Expiry Date:	24 months	



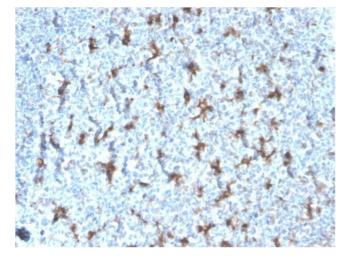
Western Blotting

Image 1. Western Blot Analysis of human Spleen tissue lysate using CD68 Recombinant Mouse Monoclonal Antibody (rLAMP4/824).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Histiocytoma stained with CD68 Recombinant Mouse Monoclonal Antibody (rLAMP4/824).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with CD68 Recombinant Mouse Monoclonal Antibody (rLAMP4/824).

Please check the product details page for more images. Overall 5 images are available for ABIN6941238.