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#76437**CD68 (D4B9C) XP[®] Rabbit mAb**

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Applications: IHC-P, IF-IC, FC-FP, FC-L	Reactivity: H Mk	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #P34810	Entrez-Gene Id: 968
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Product Usage Information	<p>Application</p> <p>Immunohistochemistry (Paraffin) Immunofluorescence (Immunocytochemistry) Flow Cytometry (Fixed/Permeabilized) Flow Cytometry (Live)</p>	<p>Dilution</p> <p>1:200 - 1:800 1:400 - 1:800 1:200 - 1:800 1:200 - 1:800</p>
Storage	<p>Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.</p> <p>For a carrier free (BSA and azide free) version of this product see product #26042.</p>	
Specificity/Sensitivity	<p>CD68 (D4B9C) XP[®] Rabbit mAb recognizes endogenous levels of total CD68 protein.</p>	
Source / Purification	<p>Monoclonal antibody is produced by immunizing animals with recombinant human CD68 protein.</p>	
Background	<p>CD68 (macrosialin) is a heavily glycosylated transmembrane protein that is expressed by and commonly used as a marker for monocytes and macrophages (1,2). It is found on the plasma membrane, as well as endosomal and lysosomal membranes (1-3). It is proposed to bind OxLDL and has been observed as a homodimer (3,4).</p>	
Background References	<ol style="list-style-type: none"> 1. Rabinowitz, S.S. and Gordon, S. (1991) <i>J Exp Med</i> 174, 827-36. 2. Holness, C.L. and Simmons, D.L. (1993) <i>Blood</i> 81, 1607-13. 3. Ramprasad, M.P. et al. (1995) <i>Proc Natl Acad Sci U S A</i> 92, 9580-4. 4. Ramprasad, M.P. et al. (1996) <i>Proc Natl Acad Sci U S A</i> 93, 14833-8. 	
Species Reactivity	<p>Species reactivity is determined by testing in at least one approved application (e.g., western blot).</p>	
Applications Key	<p>IHC-P: Immunohistochemistry (Paraffin) IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized) FC-L: Flow Cytometry (Live)</p>	
Cross-Reactivity Key	<p>H: Human Mk: Monkey</p>	
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