

Store at
-20C
#71299**F4/80 (BM8.1) Rat mAb**

Orders: 877-616-CELL (2355)
orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: IF-F	Reactivity: M	Sensitivity: Endogenous	Source/Isotype: Rat IgG2b kappa	UniProt ID: #Q61549	Entrez-Gene Id: 13733
------------------------------	-------------------------	-----------------------------------	---	-------------------------------	---------------------------------

Product Usage Information	Application Immunofluorescence (Frozen)	Dilution 1:50
Storage	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. This product is stable for 60 months when stored at -20C.	
Specificity/Sensitivity	F4/80 (BM8.1) Rat mAb recognizes endogenous levels of total F4/80 protein. This antibody detects an epitope within the extracellular domain.	
Source / Purification Background	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography.	
Background References	<p>F4/80 (EMR1) is a heavily glycosylated G-protein-coupled receptor and is a well-established marker for mouse macrophages (1-3). Expression of F4/80 has also been observed in microglia and subset populations of dendritic cells (4).</p> <ol style="list-style-type: none"> Hirsch, S. et al. (1981) <i>J Exp Med</i> 154, 713-25. Austyn, J.M. and Gordon, S. (1981) <i>Eur J Immunol</i> 11, 805-15. McKnight, A.J. et al. (1996) <i>J Biol Chem</i> 271, 486-9. Greter, M. et al. (2015) <i>Front Immunol</i> 6, 249. 	

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Applications Key	IF-F: Immunofluorescence (Frozen)
Cross-Reactivity Key	M: Mouse
Trademarks and Patents	<p>Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.</p> <p>All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.</p>
Limited Uses	<p>Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.</p> <p>Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with</p>

respect to any third party products or services used by Customer in connection with the Products.