

## CD48

### Mouse Anti-Human CD48 (Clone MEM-102) mAb

<b>Catalog No.</b>	MON1085	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	CD48 antigen, B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, SLAM family member 2, SLAMF2, Signaling lymphocytic activation molecule 2, TCT.1		
<b>Description:</b>	MON1085 reacts with CD48 antigen (Blast-1), a 40-47 kDa GPI anchored membrane protein (immunoglobulin supergene family) widely expressed on hematopoietic cells. CD48 is a GPI-anchored protein broadly expressed on hematopoietic cells and serves as a high affinity ligand for 2B4 and low affinity ligand for CD2. 2B4-CD48 interaction among NK cells and NK-T cells regulates cell proliferation. Signaling through CD48 results in eosinophil activation and CD48 expression is increased in several infectious diseases.		
<b>Concentration:</b>	1 mg/ml		
<b>UniProt ID:</b>	P09326		
<b>Specificity:</b>	Human and non-human primate CD48		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Raji human Burkitt's lymphoma cell line		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	MEM-102		
<b>Formulation:</b>	PBS, pH 7.4 containing 15 mM sodium azide		
<b>Cross-Reactivity:</b>	Non-human primates		
<b>Applications:</b>	<b>Flow cytometry:</b> suggested concentration 2 µg/ml <b>Immunoprecipitation</b> <b>IHC-P</b> <b>Western blot</b>		
<b>Storage &amp; Stability:</b>	Store antibody at 2-8°C until expiration date.		

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**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)