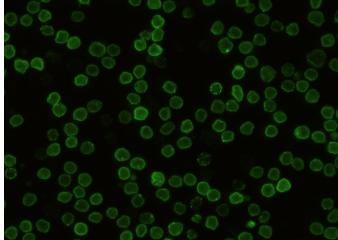
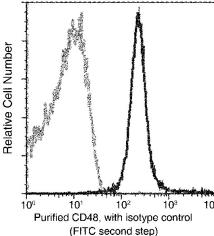


Recombinant CD48/SLAMF2 Monoclonal Antibody

catalog number: AN300516P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Mouse
Immunogen	Recombinant Mouse CD48/SLAMF2 protein
Host	Rabbit
Isotype	IgG
Clone	B446
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	Recommended Dilution
ICC/IF	1:20-1:100
FCM	1:25-1:100
Data	
	
<p>Immunofluorescence analysis of Mouse CD48 in Mouse Spleen cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-mouse CD48 monoclonal antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cell membrane.</p>	
	
<p>Flow cytometric analysis of Mouse CD48 expression on BABL/c splenocytes. Cells were stained with purified anti-Mouse CD48, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.</p>	
Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag
Background	
<p>Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.</p>	

For Research Use Only

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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