

## CD4

### Rat Anti-Mouse CD4 Clone 2H9 mAb

<b>Catalog No.</b>	CMC425	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	CD4 antigen, L3T4, Ly-4		
<b>Gene ID:</b>	12504		
<b>Description:</b>	Rat Anti-Mouse CD4 Clone 2H9 mAb monoclonal antibody		
<b>Specificity:</b>	Recognizes mouse CD4		
<b>Host:</b>	Rat		
<b>Immunogen:</b>	CTL cells		
<b>Isotype:</b>	IgG2		
<b>Clone:</b>	2H9		
<b>Formulation:</b>	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
<b>Purification:</b>	Protein A/G affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add 400 µl sterile distilled water to the vial to fully solubilize the antibody to a concentration of 500 µg/ml.		
<b>Applications:</b>	Flow Cytometry Immunohistochemistry		
<b>Application Notes:</b>	For Flow Cytometry, use a working dilution of 1:100-1000. For Immunohistochemistry, use a working dilution of 1:100-300. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store lyophilized antibody at -80°C. Reconstituted antibody is stable for six months in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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