



OX40 Monoclonal Antibody (OX-86), FITC

Catalog Number MA5-17916

Product Data Sheet

Details		Species Reactivity	
Size	100 ug	Tested species reactivity	Mouse
Host / Isotype	Rat IgG1	Tested Applications	Dilution *
Class	Monoclonal	Flow Cytometry (Flow)	2.0 ug/10 ⁶ cells
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Clone	OX-86		
Immunogen	Recombinant mouse OX-40 antigen		
Conjugate	FITC		
Form	Liquid		
Concentration	0.1mg/mL		
Purification	Protein G		
Storage Buffer	PBS with 4-5mg/ml BSA		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product Specific Information

MA5-17916 targets CD134/OX-40 in FACS applications and shows reactivity with Mouse samples.

The MA5-17916 immunogen is recombinant mouse OX-40 antigen.

Background/Target Information

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

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