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## Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment (PE Conjugate)

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

Applications:	Reactivity:	Source/Isotype:
FC-FP, FC-L	M	Goat
<b>Product Usage Information</b>	The optimal dilution of the anti-species antibody should be determined for each primary antibody by titration. However, a final dilution of 1:250 - 1:1000 should yield acceptable results for flow cytometry assays.	
<b>Storage</b>	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.	
<b>Specificity/Sensitivity</b>	F(ab') <sub>2</sub> fragments are prepared from goat antibodies that have been affinity purified and shown no reactivity against non-immunoglobulin mouse serum proteins or bovine, goat, human, rabbit or rat IgG based on immunoelectrophoresis (IEP) testing.	
<b>Description</b>	Anti-mouse IgG (H+L), F(ab') <sub>2</sub> Fragment was conjugated to phycoerythrin (PE) under optimal conditions. This F(ab') <sub>2</sub> fragment product results in less non-specific binding, as it lacks the Fc domain that can bind to the cells with Fc receptors.	
<b>Background</b>	This product has been optimized for use as a secondary antibody in flow cytometry. Fluorescent anti-species IgG conjugates are ideal for flow cytometry and immunofluorescence. Cell Signaling Technology's strict quality control procedures assure that each conjugate provides optimal specificity and fluorescence.	
<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).	
<b>Applications Key</b>	<b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized) <b>FC-L:</b> Flow Cytometry (Live)	
<b>Cross-Reactivity Key</b>	<b>M:</b> Mouse	
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