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## HA-Tag (C29F4) Rabbit mAb (PE-Cy7<sup>®</sup> Conjugate)

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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
FC-FP	All	Transfected Only	Rabbit IgG
<b>Product Usage Information</b>	<b>Application</b>		<b>Dilution</b>
	Flow Cytometry (Fixed/Permeabilized)		1:50
<b>Storage</b>	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. <i>Do not aliquot the antibody. Protect from light. Do not freeze.</i>		
<b>Specificity/Sensitivity</b>	HA-Tag (C29F4) Rabbit mAb (PE-Cy7 <sup>®</sup> Conjugate) detects exogenously expressed proteins containing the HA epitope tag.		
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide containing the influenza hemagglutinin epitope (YPYDVPDYA).		
<b>Description</b>	This Cell Signaling Technology antibody is conjugated to phycoerythrin in combination with cyanine 7 (PE-Cy7 <sup>®</sup> ) and tested in-house for direct flow cytometric analysis in human cells.		
<b>Background</b>	<p>Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties.</p> <p>The HA tag is derived from an epitope of the influenza hemagglutinin protein which has been used extensively as a general epitope tag in expression vectors (1).</p>		
<b>Background References</b>	1. Field, J. et al. (1988) <i>Mol Cell Biol</i> 8, 2159-65.		
<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>Cross-Reactivity Key</b>	<b>All:</b> All Species Expected		
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