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#3724

## HA-Tag (C29F4) Rabbit mAb

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

<b>Applications:</b> W, W-S, IP, IHC-P, IF-IC, FC-FP, ChIP	<b>Reactivity:</b> All	<b>Sensitivity:</b> Transfected Only	<b>Source/Isotype:</b> Rabbit IgG
<b>Product Usage Information</b>	For optimal ChIP results, use 10 µl of antibody and 10 µg of chromatin (approximately 4 x 10 <sup>6</sup> cells) per IP. This antibody has been validated using SimpleChIP <sup>®</sup> Enzymatic Chromatin IP Kits.		
	<b>Application</b>	<b>Dilution</b>	
	Western Blotting	1:1000	
	Simple Western™	1:50 - 1:250	
	Immunoprecipitation	1:50	
	Immunohistochemistry (Paraffin)	1:800 - 1:3200	
	Immunofluorescence (Immunocytochemistry)	1:800 - 1:1600	
	Flow Cytometry (Fixed/Permeabilized)	1:800 - 1:1600	
	Chromatin IP	1:50	
<b>Storage</b>	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.		
	For a carrier free (BSA and azide free) version of this product see product #86124.		
<b>Specificity/Sensitivity</b>	HA-Tag (C29F4) Rabbit mAb detects exogenously expressed proteins containing the HA epitope tag. The antibody may cross-react with a protein of unknown origin ~100kDa.		
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide containing the influenza hemagglutinin epitope (YPYDVPDYA).		
<b>Background</b>	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.		
	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).		
<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>Western Blot Buffer</b>	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.		
<b>Applications Key</b>	<b>W:</b> Western Blotting <b>W-S:</b> Simple Western™ <b>IP:</b> Immunoprecipitation <b>IHC-P:</b> Immunohistochemistry (Paraffin) <b>IF-IC:</b> Immunofluorescence (Immunocytochemistry) <b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized) <b>ChIP:</b> Chromatin IP		
<b>Cross-Reactivity Key</b>	<b>All:</b> All Species Expected		
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