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DYKDDDDK Tag (D6W5B) Rabbit mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody) (Alexa Fluor® 647 Conjugate)

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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
FC-FP	All	Endogenous	Rabbit IgG
Product Usage Information	Application	Dilution	
	Flow Cytometry (Fixed/Permeabilized)	1:50	
Storage	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.		
Specificity/Sensitivity	DYKDDDDK Tag (D6W5B) Rabbit mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody) (Alexa Fluor® 647 Conjugate) detects exogenously expressed DYKDDDDK proteins in cells. The antibody recognizes the DYKDDDDK peptide, which is the same epitope recognized by Sigma's Anti-FLAG® antibodies, fused to either the amino-terminus or carboxy-terminus of the target protein.		
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic DYKDDDDK peptide.		
Description	This Cell Signaling Technology antibody is conjugated to Alexa Fluor® 647 fluorescent dye and tested in-house for direct flow cytometry analysis in monkey cells. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated DYKDDDDK Tag (D6W5B) Rabbit mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody) #14793.		
Background	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 DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion (1).		
Background References	1. Brizzard, B.L. et al. (1994) <i>Biotechniques</i> 16, 730-5.		
Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).		
Applications Key	FC-FP: Flow Cytometry (Fixed/Permeabilized)		
Cross-Reactivity Key	All: All Species Expected		
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