

#12774 Store at -20°C

S-Tag (D2K2V) XP® Rabbit mAb



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TECHNOLOGY®

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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
WB, IP, IF-IC, FC-FP	All	Transfected Only	Rabbit IgG

Product Usage Information	Application	Dilution
	Western Blotting	1:1000
	Immunoprecipitation	1:50
	Immunofluorescence (Immunocytochemistry)	1:1600
	Flow Cytometry (Fixed/Permeabilized)	1:200
Storage	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 #80110.	
Specificity / Sensitivity	S-Tag (D2K2V) XP® Rabbit mAb recognizes transfected levels of recombinant protein containing an S-Tag.	
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic S-Tag peptide.	
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.	
	S-Tag is an epitope tag composed of a 15 residue peptide that, together with S-protein, comprises pancreatic ribonuclease S (1).	
Background References	1. Raines, R.T. et al. (2000) <i>Methods Enzymol</i> 326, 362-76.	

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	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.
Applications Key	WB: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized)
Cross-Reactivity Key	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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