

Store at
-20°C
#33542

3X DYKDDDDK Tag (E2T2J) Mouse mAb (Binds to same epitope as Sigma-Aldrich Anti-FLAG M2 antibody)



Orders: 877-616-CELL (2355)
orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W, IP, IF-IC	Reactivity: All	Sensitivity: Transfected Only	Source/Isotype: Mouse IgG1 kappa
Product Usage Information	Application	Dilution	
	Western Blotting	1:1000	
	Immunoprecipitation	1:50	
	Immunofluorescence (Immunocytochemistry)	1:200 - 1:400	
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. <i>Do not aliquot the antibody.</i>		
Specificity/Sensitivity	3X DYKDDDDK Tag (E2T2J) Mouse mAb detects exogenously expressed proteins containing the DYKDDDDK epitope tag. This antibody recognizes the DYKDDDDK peptide, which is the same epitope recognized by Sigma-Aldrich Anti-FLAG M2 antibody, fused to either the amino or carboxy terminus of targeted proteins in transfected cells. 3X DYKDDDDK Tag (E2T2J) Mouse mAb detects exogenously expressed DYKDDDDK-tagged proteins in cells expressed under a CMV promoter. Expression under other promoters has not been evaluated. This antibody detects several non-specific bands of unknown origin in rat cell lines.		
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide containing the 3X DYKDDDDK epitope.		
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).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)
Cross-Reactivity Key	All: All Species Expected
Trademarks and Patents	<p>Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.</p> <p>All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.</p>
Limited Uses	<p>Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.</p> <p>Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in</p>

any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.