

Store at  
-20°C  
#41729**E-Tag (D1U2Q) Rabbit mAb**

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

| Applications:<br>W, IP           | Reactivity:<br>All   | Sensitivity:<br>Transfected Only | Source/Isotype:<br>Rabbit IgG     |
|----------------------------------|--|----------------------------------|-----------------------------------|
| <b>Product Usage Information</b> | <b>Application</b><br>Western Blotting<br>Immunoprecipitation  |                                  | <b>Dilution</b><br>1:1000<br>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.   |                                  |                                   |
| <b>Specificity/Sensitivity</b>   | E-Tag (D1U2Q) Rabbit mAb recognizes transfected levels of recombinant proteins containing an E-tag.  |                                  |                                   |
| <b>Source / Purification</b>     | Monoclonal antibody is produced by immunizing animals with a synthetic E-tag peptide.  |                                  |                                   |
| <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.<br><br>E-tag is an epitope tag composed of a 13 residue peptide. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion (1,2).   |                                  |                                   |
| <b>Background References</b>     | 1. Leotoing, L. et al. (2011) <i>J Biol Chem</i> 286, 32277-88.<br>2. Chen, T.T. et al. (2010) <i>J Cell Biol</i> 188, 595-609.  |                                  |                                   |
| <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>IP:</b> Immunoprecipitation  |                                  |                                   |
| <b>Cross-Reactivity Key</b>      | <b>All:</b> All Species Expected   |                                  |                                   |
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