

**Flag-Tag Mouse Monoclonal Antibody(Mix-mA)**

Catalog TDY810C TDY810F

Quantity 50 μ L 100 μ L

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For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	N/A	N/A	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

Recommended dilutions: WB: 1:5,000**Optimal dilutions should be determined by the end user.****Specificity:** The Flag tag antibody can recognize C-terminal, internal, and N-terminal Flag-tag fusion proteins.

Background: The DYKDDDDK peptide (Flag-tag) is a small component of an epitope which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. It has been used extensively as a general epitope tag in expression vectors. It can be used for affinity chromatography, then used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. A Flag-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein, adding a Flag-tag to this protein allows one to follow the protein with an antibody against the Flag sequence.



Western blot analysis of Recombinant Flag-Tag Protein using Flag-Tag (TDY810) Mouse mAb diluted at 1:10000.