

## Flag-Tag Mouse Monoclonal Antibody(1C1)

Catalog	TDY661C	TDY661F	Tel: 010-82908854
Quantity	50 $\mu$ L	100 $\mu$ L	Free: 400-0620-621
			Web: www.tdybio.com

**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 Flag Recombinant Protein using Flag (TDY661)

Mouse mAb diluted at 1:10000.